

Mountain Lakes Board of Education

Check Register By Check Number

for Batch 61 and Posted Checks : Current Cycle : January

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va_chkr3.040423
01/01/2024

Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
POSTED CHECKS								
99415 24-1056		11-190-100-500-BC- - -	1017/ABC-CLIO, LLC	61	1,475.00	Inv. BUS62857	01/31/2024	C
		Total For Check Number 99415			\$1,475.00			
99416 24-0341		11-000-240-500-BC- - -	6913/ABLE SHRED BUSINESS PRODUCTS LLC	61	25.00	Inv. 5334	01/31/2024	C
		Total For Check Number 99416			\$25.00			
99417 24-1309		11-000-261-420-DW-0750 - -	4813/AC DAUGHTRY, INC	61	576.39	#4244067, 4255447, 4277131	01/31/2024	C
		Total For Check Number 99417			\$576.39			
99418 23-1447		11-402-100-610-HS-1020A-54-	9344/ADVANTAGE PRINTING & PROMOTIONS LLC	61	337.50	Inv. 22389A	01/31/2024	C
		Total For Check Number 99418			\$337.50			
99419 24-1243		11-000-261-420-DW-0750 - -	4302/AMC PRECISION GLASS, INC.	61	425.00	Inv. 7424	01/31/2024	C
24-1313		11-000-261-420-DW-0750 - -	4302/AMC PRECISION GLASS, INC.	61	425.00	Inv. 7425	01/31/2024	C
		Total For Check Number 99419			\$850.00			
99420 24-1105		11-190-100-610-BC-0730A- -	1073/AMERICAN TIME & SIGNAL COMPANY	61	544.15	Inv. 874650	01/31/2024	C
		Total For Check Number 99420			\$544.15			
99421 24-1189		11-000-261-610-DW-0730B- -	1123/MORRIS COUNTY HARDWARE & PAINT	61	1,219.50	Inv. 2401-105696	01/31/2024	C
		Total For Check Number 99421			\$1,219.50			
99422 22-1023		P2-272-200-320-CS-1418D- -	9219/ANSWER	61	2,800.00	Inv. 7062301	01/31/2024	C
		Total For Check Number 99422			\$2,800.00			
99423 24-0308		11-000-261-420-DW-0750 - -	5261/ARROW ELEVATOR INC.	61	425.00	Inv. 115824 Feb.'24	01/31/2024	C
		Total For Check Number 99423			\$425.00			
99424 24-1163		11-000-230-339-AD-0120D- -	7916/BAKER TILLY VANTAGEN, LLC	61	176.08	#47247 Nov.'23	01/31/2024	C
24-1163		11-000-230-339-AD-0120D- -	7916/BAKER TILLY VANTAGEN, LLC	61	172.01	#47505 Dec.'23	01/31/2024	C
		Total For Check Number 99424			\$348.09			
99425 24-1106		11-190-100-610-BC-0730A- -	8555/BIRDBRAIN TECHNOLOGIES, LLC	61	752.45	Inv. BB19582	01/31/2024	C
		Total For Check Number 99425			\$752.45			
99426 24-0638		11-000-262-490-DW-0640A- -	1290/BOROUGH OF MOUNTAIN LAKES	61	1,808.67	4975-0 10/1-12/31/23 HS	01/31/2024	C
24-0638		11-000-262-490-DW-0640A- -	1290/BOROUGH OF MOUNTAIN LAKES	61	143.55	21145-0 10/1-12/31/23 BOE	01/31/2024	C
24-0638		11-000-262-490-DW-0640A- -	1290/BOROUGH OF MOUNTAIN LAKES	61	522.02	5961-0 10/1-12/31/23 BC	01/31/2024	C
24-0638		11-000-262-490-DW-0640A- -	1290/BOROUGH OF MOUNTAIN LAKES	61	423.15	7542-0 10/1-12/31/23 LD	01/31/2024	C

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99426			LAKES					
99426 24-0638		11-000-262-490-DW-0640A- -	1290/BOROUGH OF MOUNTAIN LAKES	61	1,248.32	5680-0 10/1-12/31/23 WW	01/31/2024	C
Total For Check Number 99426					\$4,145.71			
99427 24-1308		11-402-100-890-BC-1020A-23-	8688/BRIARCLIFF MIDDLE SCHOOL	61	5,000.00	23-24 BC Activities Acct	01/31/2024	C
Total For Check Number 99427					\$5,000.00			
99428 24-0450		11-402-100-610-HS-1020A-54-	1342/BSN SPORTS, LLC	61	4,954.39	Inv. 923870199	01/31/2024	C
Total For Check Number 99428					\$4,954.39			
99429 24-1168		11-000-262-610-DW-0620C- -	1252/CAPITAL SUPPLY COMPANY	61	1,160.45	Inv. 810946	01/31/2024	C
24-1072		11-000-262-610-DW-0620C- -	1252/CAPITAL SUPPLY COMPANY	61	161.93	Inv. 809213	01/31/2024	C
24-1172		11-000-262-610-DW-0620C- -	1252/CAPITAL SUPPLY COMPANY	61	391.85	Inv. 811549	01/31/2024	C
Total For Check Number 99429					\$1,714.23			
99430 23-0229		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	201.00	Inv. 52230102RI	01/31/2024	C
24-0266		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	1,443.02	#52223748RI, #52440559RI	01/31/2024	C
24-0268		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	647.43	#52222641RI, #52223749RI	01/31/2024	C
24-0268		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	258.70	#52343692RI, #52348155RI	01/31/2024	C
24-0272		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	63.95	#52220327RI, 52221578RI	01/31/2024	C
24-0272		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	700.33	#52222640RI, #52236675RI	01/31/2024	C
24-0766		11-190-100-610-HS-0240A-C -	1388/CAROLINA BIOLOGICAL SUPPLY CO	61	128.15	#52427675RI	01/31/2024	C
Total For Check Number 99430					\$3,442.58			
99431 24-0513		11-402-100-610-HS-1020A-54-	7355/COLLINS SPORTS MEDICINE	61	8,962.85	424644, 424696, 425468, 426987	01/31/2024	C
24-1102		11-402-100-610-HS-1020A-54-	7355/COLLINS SPORTS MEDICINE	61	1,589.83	431403	01/31/2024	C
24-1142		11-402-100-610-HS-1020A-54-	7355/COLLINS SPORTS MEDICINE	61	42.85	431143	01/31/2024	C
Total For Check Number 99431					\$10,595.53			
99432 24-1293		11-000-261-420-DW-0750 - -	5011/COMBUSTION SERVICE CORP.	61	1,190.00	Inv. 9594	01/31/2024	C
Total For Check Number 99432					\$1,190.00			
99433 24-0979		11-000-251-890-AD-0130L- -	5595/DAILY RECORD - NJ PRESS MEDIA SOLUTIONS	61	93.50	Order #9718565	01/31/2024	C
Total For Check Number 99433					\$93.50			

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POSTED CHECKS								
99434 24-1062		11-000-263-610-DW- - -	8158/DAN COMO & SONS, INC.	61	198.00	Inv. 0002279-00	01/31/2024	C
			Total For Check Number 99434		\$198.00			
99435 24-1290		11-000-262-610-DW-0620C- -	8920/DECKER INC. SCHOOL FIX	61	233.95	Inv. 560564A	01/31/2024	C
			Total For Check Number 99435		\$233.95			
99436 24-1145		11-000-222-610-WW-0230A-Q -	1641/DEMCO INC	61	674.97	Inv. 7424948	01/31/2024	C
			Total For Check Number 99436		\$674.97			
99437 24-1174		11-207-100-610-LR-0240 - -	1093/NORTHEASTERN TECHNOLOGIES GROUP	61	280.00	Inv. SRV-78382	01/31/2024	C
			Total For Check Number 99437		\$280.00			
99438 24-0647		11-000-222-610-WW-0230A-Q -	1735/EBSCO INFORMATION SERVICES	61	477.51	Inv. 9247858	01/31/2024	C
			Total For Check Number 99438		\$477.51			
99439 24-1314		20-459-100-600-CI- - -	9426/EDMENTUM, INC.	61	34,738.20	#INV3223183	01/31/2024	C
			Total For Check Number 99439		\$34,738.20			
99440 24-0732		30-002-401-334-DW- - -	8598/FKA ARCHITECTS	61	1,950.00	Inv. 3 Proj 2341.00	01/31/2024	C
			Total For Check Number 99440		\$1,950.00			
99441 24-1230		11-000-222-610-WW-0230A-Q -	7491/FOLLETT SCHOOL SOLUTIONS, INC.	61	997.28	Invs. 320492, 320492F	01/31/2024	C
			Total For Check Number 99441		\$997.28			
99442 24-0583		11-000-263-610-DW- - -	1887/FOREST LUMBER & SUPPLY CO	61	307.46	Inv. 4989	01/31/2024	C
			Total For Check Number 99442		\$307.46			
99443 24-1311		11-402-100-890-BC-1020A-23-	5191/GREATER MORRIS CTY JR SCHOOL C	61	250.00	Statement dated 1/23/24	01/31/2024	C
			Total For Check Number 99443		\$250.00			
99444 24-1223		11-000-222-610-BC-0230A- -	9418/GREENHAVEN PUBLISHING LLC	61	1,308.68	Inv. GRL505661I	01/31/2024	C
			Total For Check Number 99444		\$1,308.68			
99445 24-1119		11-000-261-420-DW-0750 - -	5039/JOHNSON CONTROLS FIRE PROTECTION LP	61	1,147.66	Inv. 51322572	01/31/2024	C
			Total For Check Number 99445		\$1,147.66			
99446 24-0999		11-402-100-890-HS-1020A-21-	8896/LENAPE VALLEY REGIONAL HS DISTRICT	61	325.00	Team Entry Fee 12/28/23	01/31/2024	C
			Total For Check Number 99446		\$325.00			
99447 24-1129		11-000-263-610-DW- - -	9413/EXTECH BUILDING MATERIALS, INC	61	921.25	Inv. 9543444	01/31/2024	C

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POSTED CHECKS								
Total For Check Number 99447					\$921.25			
99448 24-1255		11-190-100-610-HS-0240A-GG-	8978/MALMARK INC.	61	249.00	Inv. 252692	01/31/2024	C
Total For Check Number 99448					\$249.00			
99449 24-1218		20-272-200-600-CS- - -	9315/MARZANO RESOURCES LLC	61	524.15	Inv. M218930	01/31/2024	C
Total For Check Number 99449					\$524.15			
99450 24-1132		11-207-100-610-LR-0240 - -	7334/MED-EL CORPORATION	61	1,209.00	Inv. PSI512180	01/31/2024	C
Total For Check Number 99450					\$1,209.00			
99451 24-1289		13-424-100-610-WW- - -	7019/MOUNTAIN LAKES BD-CAFE ACCT	61	1,003.20	574-4541, 574-4547	01/31/2024	C
Total For Check Number 99451					\$1,003.20			
99452 24-1246		11-190-100-610-HS-0240A-GG-	2563/THE MUSIC SHOP, LLC	61	451.45	Invs. 12906791, 12908350	01/31/2024	C
Total For Check Number 99452					\$451.45			
99453 24-1252		11-190-100-610-WW-0240A-U -	9392/MYBINDING, LLC	61	101.98	Inv. SI2836143	01/31/2024	C
Total For Check Number 99453					\$101.98			
99454 24-0650		11-000-262-621-BC-0640C- -	2592/N.J. NATURAL GAS CO.	61	8,188.88	12/8/23-1/11/24	01/31/2024	C
24-0650		11-000-262-621-HS-0630 - -	2592/N.J. NATURAL GAS CO.	61	16,966.11	(2) 12/11/23-1/11/24	01/31/2024	C
24-0650		11-000-262-621-LR-0640C- -	2592/N.J. NATURAL GAS CO.	61	4,644.53	12/8/23-1/11/24	01/31/2024	C
24-0650		11-000-262-621-WW-0640C- -	2592/N.J. NATURAL GAS CO.	61	7,546.80	12/11/23-1/11/24	01/31/2024	C
Total For Check Number 99454					\$37,346.32			
99455 24-0669		11-000-263-610-DW- - -	8359/NAPA AUTO PARTS	61	45.13	Inv 213102, Fin Chgs	01/31/2024	C
Total For Check Number 99455					\$45.13			
99456 24-1137		11-402-100-890-HS-1020A-21-	8919/NJ INTERSCHOLASTIC SKI RACING ASSOC.	61	1,950.00	23-24 Team Fee	01/31/2024	C
Total For Check Number 99456					\$1,950.00			
99457 24-0384		11-402-100-890-HS-1020A-21-	4919/NJSIAA	61	498.00	Inv. 1707170	01/31/2024	C
Total For Check Number 99457					\$498.00			
99458 24-1146		11-190-100-610-HS-0240A-V -	6824/NOODLE TOOLS, INC.	61	216.00	Inv. 201-368-R18B	01/31/2024	C
Total For Check Number 99458					\$216.00			
99459 24-0570		11-000-261-890-DW-0660A-13-	8416/PAWSON ASSOCIATES, INC.	61	5,200.00	Inv. 24-105	01/31/2024	C
Total For Check Number 99459					\$5,200.00			
99460 24-1191		11-000-218-610-HS-0250A-G -	5723/QUILL CORPORATION	61	97.98	Inv. 36294047	01/31/2024	C
24-1194		11-000-218-610-HS-0250A-G -	5723/QUILL CORPORATION	61	1,186.41	Inv. 36318042	01/31/2024	C
24-1249		11-000-240-610-BC-0250A- -	5723/QUILL CORPORATION	61	44.99	Inv. 36698366	01/31/2024	C
24-1160		11-000-240-610-HS-0250A- -	5723/QUILL CORPORATION	61	600.00	inv. 36146858	01/31/2024	C
24-1110		11-190-100-610-BC-0240A- -	5723/QUILL CORPORATION	61	113.93	Invs36140582,36140821,36145890	01/31/2024	C
24-0869		11-190-100-610-BC-0730A- -	5723/QUILL CORPORATION	61	402.74	Inv. 35436010	01/31/2024	C

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99460 24-1209		11-190-100-610-HS-0240A-B -	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-1160		11-190-100-610-HS-0240A-C -	5723/QUILL CORPORATION	61	76.00	Inv. 36146858	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-C -	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-1160		11-190-100-610-HS-0240A-D -	5723/QUILL CORPORATION	61	76.00	Inv. 36146858	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-D -	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-1160		11-190-100-610-HS-0240A-E -	5723/QUILL CORPORATION	61	76.00	Inv. 36146858	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-E -	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-GG-	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-1160		11-190-100-610-HS-0240A-I -	5723/QUILL CORPORATION	61	76.00	Inv. 36146858	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-I -	5723/QUILL CORPORATION	61	100.00	Invs 36523776, 36526297	01/31/2024	C
24-0933		11-190-100-610-HS-0240A-L -	5723/QUILL CORPORATION	61	557.48	Invs 35224914, 35230998	01/31/2024	C
24-1160		11-190-100-610-HS-0240A-M -	5723/QUILL CORPORATION	61	77.84	Inv. 36146858	01/31/2024	C
24-0778		11-190-100-610-HS-0240A-U -	5723/QUILL CORPORATION	61	591.83	Inv. 34536895	01/31/2024	C
24-1171		11-190-100-610-HS-0240A-U -	5723/QUILL CORPORATION	61	332.74	Inv. 36294035	01/31/2024	C
24-1209		11-190-100-610-HS-0240A-U -	5723/QUILL CORPORATION	61	178.26	Invs 36523776, 36526297	01/31/2024	C
Total For Check Number 99460					\$5,088.20			
99461 24-0446		11-000-261-420-DW-0750 - -	5696/R&J CONTROL, INC.	61	1,040.00	#0403397, #0400785	01/31/2024	C
Total For Check Number 99461					\$1,040.00			
99462 24-0354		11-000-240-500-BC- - -	2881/READY REFRESH BY NESTLE	61	54.93	AC#0015576978 12/13/23-1/12/24	01/31/2024	C
24-0903		11-190-100-500-HS- - -	2881/READY REFRESH BY NESTLE	61	14.37	AC#0014813828 12/13/23-1/12/24	01/31/2024	C
Total For Check Number 99462					\$69.30			
99463 24-1182		11-190-100-610-WW-0240A-U -	6507/REALLY GOOD STUFF, INC.	61	50.97	Inv. 8419018	01/31/2024	C
Total For Check Number 99463					\$50.97			
99464 24-1229		11-190-100-610-WW-0240A-D -	9174/SAVVAS LEARNING COMPANY LLC	61	5,940.00	Inv. 7028652489	01/31/2024	C
Total For Check Number 99464					\$5,940.00			
99465 24-1164		11-190-100-610-HS-0240A-C -	4727/SCANTRON CORPORATION	61	117.74	Inv. 86995	01/31/2024	C
24-1164		11-190-100-610-HS-0240A-D -	4727/SCANTRON CORPORATION	61	117.74	Inv. 86995	01/31/2024	C
24-1164		11-190-100-610-HS-0240A-E -	4727/SCANTRON CORPORATION	61	235.49	Inv. 86995	01/31/2024	C
Total For Check Number 99465					\$470.97			
99466 24-1138		11-402-100-610-HS-1020A-54-	8866/SCHOOL PRIDE LTD	61	36.25	Inv. 95545	01/31/2024	C
Total For Check Number 99466					\$36.25			
99467 24-1140		11-207-100-610-LR-0240 - -	9170/SCHOOL SPECIALTY, LLC	61	69.95	#308104450304	01/31/2024	C
Total For Check Number 99467					\$69.95			
99468 24-1258		11-000-262-610-DW-0620C- -	9073/SCOLES FLOORSHINE INDUSTRIES, LLC	61	1,689.48	Invs 455072, 455073, 455074	01/31/2024	C

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Total For Check Number 99468					\$1,689.48			
99469 24-1251		11-190-100-500-TD-0720D- -	8712/SHI INTERNATIONAL CORP	61	1,631.90	Inv. B17860470	01/31/2024	C
Total For Check Number 99469					\$1,631.90			
99470 24-1176		11-000-251-600-AD-0130I- -	9237/SOCIETY FOR HUMAN RESOURCE MANAGEMENT	61	1,063.82	INSH578748	01/31/2024	C
Total For Check Number 99470					\$1,063.82			
99471 24-1047		11-190-100-610-HS-0240A-G -	7172/STANTON'S SHEET MUSIC, INC *	61	207.04	Inv. 1959734	01/31/2024	C
Total For Check Number 99471					\$207.04			
99472 24-1287		11-190-100-500-BC- - -	3320/TEACHER	61	119.76	Danielle Peterson	01/31/2024	C
Total For Check Number 99472					\$119.76			
99473 24-1178		11-000-230-610-AD-0130E- -	4577/TJ'S SPORTWIDE TROPHY & AWARDS	61	124.39	Invs. 694751, 694836	01/31/2024	C
Total For Check Number 99473					\$124.39			
99474 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Claudia Barbarisi	01/31/2024	C
Total For Check Number 99474					\$582.50			
99475 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Diane Bright	01/31/2024	C
Total For Check Number 99475					\$582.50			
99476 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Carrie Ferrera	01/31/2024	C
Total For Check Number 99476					\$582.50			
99477 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Sara Forman	01/31/2024	C
Total For Check Number 99477					\$582.50			
99478 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Cristina Habib	01/31/2024	C
Total For Check Number 99478					\$582.50			
99479 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	1,165.00	Daniel & Jenna Hennessy	01/31/2024	C
Total For Check Number 99479					\$1,165.00			
99480 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Amy Lorber	01/31/2024	C
Total For Check Number 99480					\$582.50			
99481 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION	61	1,165.00	Katherine & Michael Markowitz	01/31/2024	C

Run on 02/02/2024 at 11:04:31 AM

* Break in Chk. # Sequence

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Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Ba- tch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
POSTED CHECKS								
99481			REIMBURSEMENT					
			Total For Check Number 99481		\$1,165.00			
99482 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Ian Matty	01/31/2024	C
			Total For Check Number 99482		\$582.50			
99483 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Jewel McConnell	01/31/2024	C
			Total For Check Number 99483		\$582.50			
99484 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Peter Moser	01/31/2024	C
			Total For Check Number 99484		\$582.50			
99485 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Mr. & Mrs. Brendan O'Connor	01/31/2024	C
			Total For Check Number 99485		\$582.50			
99486 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Kathleen Seery	01/31/2024	C
			Total For Check Number 99486		\$582.50			
99487 24-0981		11-000-270-503-DW-0520E- -	2983/TRANSPORTATION REIMBURSEMENT	61	582.50	Amy Sherman	01/31/2024	C
			Total For Check Number 99487		\$582.50			
99488 24-0818		11-000-213-330-CS-0431A- -	8630/TRINITAS CHILDREN'S THERAPY SERVICES	61	6,913.88	1223	01/31/2024	C
			Total For Check Number 99488		\$6,913.88			
99489 24-1288		11-000-261-420-DW-0750 - -	9422/VEL CONSTRUCTION, LLC	61	1,200.00	Inv. 161	01/31/2024	C
			Total For Check Number 99489		\$1,200.00			
99490 24-1259		20-087-100-610-BC- - -	9374/VIVACITY TECH PBC	61	3,346.00	INV1022483	01/31/2024	C
			Total For Check Number 99490		\$3,346.00			
99491 24-1282		11-000-263-610-DW- - -	5838/WEST CHESTER MACHINERY	61	703.11	Inv. 01-63472	01/31/2024	C
			Total For Check Number 99491		\$703.11			
			Total Posted Checks		\$172,178.23			

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Vendor No./ Vendor Name/Remit to Vendor							
Fund Summary	Fund Category	Sub Fund	Computer Checks	Computer Checks Non/AP	Hand Checks	Hand Checks Non/AP	Total Checks
	10	11	\$127,816.68				\$127,816.68
	10	13	\$1,003.20				\$1,003.20
	Fund 10	TOTAL	\$128,819.88				\$128,819.88
	20	20	\$38,608.35				\$38,608.35
	20	P2	\$2,800.00				\$2,800.00
	Fund 20	TOTAL	\$41,408.35				\$41,408.35
	30	30	\$1,950.00				\$1,950.00
	GRAND	TOTAL	\$172,178.23	\$0.00	\$0.00	\$0.00	\$172,178.23

* Total Prior Cycle Checks Voided in selected cycle(s):	\$0.00
Total Checks from selected cycle(s) voided in the selected cycle(s):	\$0.00

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Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
POSTED CHECKS								
1111245 24-1276		11-000-291-270-DW-0820C- -	8877/NJSHBP	65	484,729.10	Health Ins. Premium Jan.'24	01/12/2024	H
		Total For Check Number 1111245			\$484,729.10			
* 1112024 24-1103		11-402-100-890-HS-1020A-85-	9097/VANTAGESPORTZ, LLC	65	2,735.95	Ref Pay 1-11-24	01/11/2024	H
		Total For Check Number 1112024			\$2,735.95			
* 1179423 Non A/P Chk		DB10-141- , CR10-101-	3688/PAYROLL AGENCY ACCOUNT	65	69,500.12	FICA	01/12/2024	H
24-1353		11-000-291-220-DW-0810B- -	3688/PAYROLL AGENCY ACCOUNT	65	18,734.91	EMP BENEFITS-SS/FICA/MED	01/12/2024	H
24-0003		11-000-291-249-DW- - -	3688/PAYROLL AGENCY ACCOUNT	65	1,740.72	EMP BENEFITS-DCRP	01/12/2024	H
						1/1-1/15/24		
		Total For Check Number 1179423			\$89,975.75			
* 1188661 24-1353		11-000-291-220-DW-0810B- -	3688/PAYROLL AGENCY ACCOUNT	65	54.99	EMP BENEFITS-SS/FICA/MED	01/19/2024	H
		Total For Check Number 1188661			\$54.99			
* 1197536 Non A/P Chk		DB10-141- , CR10-101-	3688/PAYROLL AGENCY ACCOUNT	65	69,495.85	FICA	01/31/2024	H
24-1353		11-000-291-220-DW-0810B- -	3688/PAYROLL AGENCY ACCOUNT	65	20,297.59	EMP BENEFITS-SS/FICA/MED	01/31/2024	H
24-0003		11-000-291-249-DW- - -	3688/PAYROLL AGENCY ACCOUNT	65	1,842.18	EMP BENEFITS-DCRP	01/31/2024	H
						1/16-1/31.24		
		Total For Check Number 1197536			\$91,635.62			
* 1252024 24-1103		11-402-100-890-HS-1020A-85-	9097/VANTAGESPORTZ, LLC	65	2,504.05	Ref Pay 1-25-24	01/25/2024	H
		Total For Check Number 1252024			\$2,504.05			
		Total Posted Checks			\$671,635.46			

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Vendor No./ Vendor Name/Remit to Vendor							
Fund Summary	Fund Category	Sub Fund	Computer Checks	Computer Checks Non/AP	Hand Checks	Hand Checks Non/AP	Total Checks
	10	10				\$138,995.97	\$138,995.97
	10	11			\$532,639.49		\$532,639.49
	Fund 10	TOTAL			\$532,639.49	\$138,995.97	\$671,635.46
	GRAND	TOTAL	\$0.00	\$0.00	\$532,639.49	\$138,995.97	\$671,635.46

* Total Prior Cycle Checks Voided in selected cycle(s): \$0.00
Total Checks from selected cycle(s) voided in the selected cycle(s): \$0.00

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Check #	PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
POSTED CHECKS									
1179418	24-2324		11-000-211-100-DW- - -	2813/PAYROLL ACCOUNT	79	1,364.58	ATTENDANCE-SAL	01/12/2024	H
	24-2324		11-000-213-104-BC-0410C- -	2813/PAYROLL ACCOUNT	79	4,500.25	HEALTH-SAL	01/12/2024	H
	24-2324		11-000-213-104-HS-0410C- -	2813/PAYROLL ACCOUNT	79	5,709.40	HEALTH-SAL	01/12/2024	H
	24-2324		11-000-213-104-LR-0410 - -	2813/PAYROLL ACCOUNT	79	19,943.15	HEALTH-SAL	01/12/2024	H
	24-2324		11-000-213-104-WW-0410C- -	2813/PAYROLL ACCOUNT	79	4,148.75	HEALTH-SAL	01/12/2024	H
	24-2324		11-000-213-110-DW-0410B- -	2813/PAYROLL ACCOUNT	79	160.00	HEALTH-SAL OTHER	01/12/2024	H
	24-2324		11-000-216-101-CS-1101A-67-	2813/PAYROLL ACCOUNT	79	8,564.10	SPEECH/OT/PT-SAL	01/12/2024	H
	24-2324		11-000-217-100-CS-0216A- -	2813/PAYROLL ACCOUNT	79	14,687.01	EXTRA SRV-SAL	01/12/2024	H
	24-2324		11-000-217-106-DW-0219A- -	2813/PAYROLL ACCOUNT	79	60.00	EXTRA SRV-SAL	01/12/2024	H
	24-2324		11-000-218-104-BC-0214B- -	2813/PAYROLL ACCOUNT	79	4,905.25	GUIDANCE-SAL	01/12/2024	H
	24-2324		11-000-218-104-HS-0214B- -	2813/PAYROLL ACCOUNT	79	24,505.53	GUIDANCE-SAL	01/12/2024	H
	24-2324		11-000-218-104-LR-0214B- -	2813/PAYROLL ACCOUNT	79	203.13	GUIDANCE-SAL	01/12/2024	H
	24-2324		11-000-218-104-WW-0214B- -	2813/PAYROLL ACCOUNT	79	3,718.75	GUIDANCE-SAL	01/12/2024	H
	24-2324		11-000-218-105-HS-0215B- -	2813/PAYROLL ACCOUNT	79	3,067.50	GUIDANCE-SAL CLERICAL	01/12/2024	H
	24-2324		11-000-219-104-CS-0001 - -	2813/PAYROLL ACCOUNT	79	1,558.75	CST-SAL NON PENS	01/12/2024	H
	24-2324		11-000-219-104-CS-0214C- -	2813/PAYROLL ACCOUNT	79	39,841.93	CST-SAL	01/12/2024	H
	24-2324		11-000-219-105-CS-0215C- -	2813/PAYROLL ACCOUNT	79	4,601.93	CST-SAL CLERICAL	01/12/2024	H
	24-2324		11-000-221-102-HS-0212 - -	2813/PAYROLL ACCOUNT	79	26,659.11	IMPROV INSTR-SAL SUPERV	01/12/2024	H
	24-2324		11-000-221-104-DW-0250E-2 -	2813/PAYROLL ACCOUNT	79	966.00	IMPROV INSTR-SAL OTH PRO	01/12/2024	H
	24-2324		11-000-222-100-BC-0214A- -	2813/PAYROLL ACCOUNT	79	5,221.00	MEDIA-SAL	01/12/2024	H
	24-2324		11-000-222-100-WW-0214A- -	2813/PAYROLL ACCOUNT	79	3,072.72	MEDIA-SAL	01/12/2024	H
	24-2324		11-000-222-110-HS-0215D- -	2813/PAYROLL ACCOUNT	79	2,103.43	MEDIA-SAL OTH	01/12/2024	H
	24-2324		11-000-230-100-AD-0110C- -	2813/PAYROLL ACCOUNT	79	204.00	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-230-100-AD-0110D- -	2813/PAYROLL ACCOUNT	79	7,129.99	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-230-100-AD-0110E- -	2813/PAYROLL ACCOUNT	79	5,677.27	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-230-100-LR-0000 - -	2813/PAYROLL ACCOUNT	79	1,892.43	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-230-100-LR-0110 - -	2813/PAYROLL ACCOUNT	79	96.00	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-230-100-LR-0110D- -	2813/PAYROLL ACCOUNT	79	2,376.67	GEN ADMIN-SAL	01/12/2024	H
	24-2324		11-000-240-103-BC-0211 - -	2813/PAYROLL ACCOUNT	79	6,494.83	SCH ADMIN-SAL	01/12/2024	H
	24-2324		11-000-240-103-HS-0211 - -	2813/PAYROLL ACCOUNT	79	13,546.28	SCH ADMIN-SAL	01/12/2024	H
	24-2324		11-000-240-103-LR-0211 - -	2813/PAYROLL ACCOUNT	79	8,064.16	SCH ADMIN-SAL	01/12/2024	H
	24-2324		11-000-240-103-WW-0211 - -	2813/PAYROLL ACCOUNT	79	6,680.54	SCH ADMIN-SAL	01/12/2024	H
	24-2324		11-000-240-104-HS-0212 - -	2813/PAYROLL ACCOUNT	79	5,870.95	SCH ADMIN-SAL OTH PROF	01/12/2024	H
	24-2324		11-000-240-105-BC-0215A- -	2813/PAYROLL ACCOUNT	79	5,784.75	SCH ADMIN-SAL CLERICAL	01/12/2024	H
	24-2324		11-000-240-105-HS-0215A- -	2813/PAYROLL ACCOUNT	79	6,214.16	SCH ADMIN-SAL CLERICAL	01/12/2024	H
	24-2324		11-000-240-105-LR-0215A- -	2813/PAYROLL ACCOUNT	79	3,833.95	SCH ADMIN-SAL CLERICAL	01/12/2024	H
	24-2324		11-000-240-105-WW-0215A- -	2813/PAYROLL ACCOUNT	79	5,703.33	SCH ADMIN-SAL CLERICAL	01/12/2024	H

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Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount Multi Remit To Check Name	Check Description or Check Name	Check Date	Check Type
POSTED CHECKS								
1179418 24-2324		11-000-251-100-AD-0110A- -	2813/PAYROLL ACCOUNT	79	5,331.56	CENTRAL SERV-SAL	01/12/2024	H
24-2324		11-000-251-100-AD-0110B- -	2813/PAYROLL ACCOUNT	79	8,780.25	CENTRAL SERV-SAL	01/12/2024	H
24-2324		11-000-251-100-LR-0110A- -	2813/PAYROLL ACCOUNT	79	4,249.10	CENTRAL SERV-SAL	01/12/2024	H
24-2324		11-000-252-100-DW- - -	2813/PAYROLL ACCOUNT	79	6,236.66	IT-SAL	01/12/2024	H
24-2324		11-000-261-100-DW-0710A- -	2813/PAYROLL ACCOUNT	79	11,085.47	REQ MAINT-SAL	01/12/2024	H
24-2324		11-000-262-100-DW- - -	2813/PAYROLL ACCOUNT	79	47,189.53	CUSTODIAL-SAL	01/12/2024	H
24-2324		11-000-262-100-DW-00000-A -	2813/PAYROLL ACCOUNT	79	2,157.15	CUSTODIAL-SAL LUNCH AIDE	01/12/2024	H
24-2324		11-000-262-100-DW-00000-O -	2813/PAYROLL ACCOUNT	79	1,565.00	CUSTODIAL-SAL OTHER	01/12/2024	H
24-2324		11-000-263-100-DW- - -	2813/PAYROLL ACCOUNT	79	3,884.29	GROUNDS-SAL	01/12/2024	H
24-2324		11-105-100-101-AD- - -	2813/PAYROLL ACCOUNT	79	7,095.50	PRESCHOOL-SAL	01/12/2024	H
24-2324		11-110-100-101-WW-0213D- -	2813/PAYROLL ACCOUNT	79	15,510.20	KINDERG-SAL	01/12/2024	H
24-2324		11-120-100-101-WW-0213A- -	2813/PAYROLL ACCOUNT	79	127,964.23	GR1-5-SAL	01/12/2024	H
24-2324		11-120-100-101-WW-0213B- -	2813/PAYROLL ACCOUNT	79	1,350.00	GR1-5-SAL	01/12/2024	H
24-2324		11-120-100-101-WW-0213B-LT-	2813/PAYROLL ACCOUNT	79	3,954.25	GR1-5-SAL	01/12/2024	H
24-2324		11-120-100-101-WW-0213C- -	2813/PAYROLL ACCOUNT	79	500.00	GR1-5-SAL	01/12/2024	H
24-2324		11-130-100-101-BC-0213A- -	2813/PAYROLL ACCOUNT	79	112,838.94	GR6-8-SAL	01/12/2024	H
24-2324		11-130-100-101-BC-0213B- -	2813/PAYROLL ACCOUNT	79	1,800.00	GR6-8-SAL	01/12/2024	H
24-2324		11-130-100-101-BC-0213C- -	2813/PAYROLL ACCOUNT	79	50.00	GR6-8-SAL	01/12/2024	H
24-2324		11-140-100-101-HS-0213A- -	2813/PAYROLL ACCOUNT	79	213,700.66	GR9-12-SAL	01/12/2024	H
24-2324		11-140-100-101-HS-0213B- -	2813/PAYROLL ACCOUNT	79	2,475.00	GR9-12-SAL	01/12/2024	H
24-2324		11-140-100-101-HS-0213B-LT-	2813/PAYROLL ACCOUNT	79	4,258.50	GR9-12-SAL	01/12/2024	H
24-2324		11-140-100-101-HS-0213C- -	2813/PAYROLL ACCOUNT	79	6,650.00	GR9-12-SAL	01/12/2024	H
24-2324		11-190-100-106-TD-0216A- -	2813/PAYROLL ACCOUNT	79	8,204.29	REG PROG UND-SAL OTH INS	01/12/2024	H
24-2324		11-206-100-101-CS-1101A-64-	2813/PAYROLL ACCOUNT	79	900.00	VISUAL IMP-SAL	01/12/2024	H
24-2324		11-207-100-101-LR-0213A- -	2813/PAYROLL ACCOUNT	79	129,004.88	AUD IMP-SAL	01/12/2024	H
24-2324		11-207-100-101-LR-0213B- -	2813/PAYROLL ACCOUNT	79	1,608.75	AUD IMP-SAL	01/12/2024	H
24-2324		11-207-100-101-LR-0213C- -	2813/PAYROLL ACCOUNT	79	23,746.65	AUD IMP-SAL	01/12/2024	H
24-2324		11-207-100-101-LR-0213E- -	2813/PAYROLL ACCOUNT	79	3,362.00	AUD IMP-SAL	01/12/2024	H
24-2324		11-207-100-101-LR-0214 - -	2813/PAYROLL ACCOUNT	79	9,499.45	AUD IMP-SAL	01/12/2024	H
24-2324		11-207-100-106-LR-0216A- -	2813/PAYROLL ACCOUNT	79	35,364.90	AUD IMP-SAL OTH INSTR	01/12/2024	H
24-2324		11-209-100-101-CS- - -	2813/PAYROLL ACCOUNT	79	8,099.50	EMOTIONAL-SAL	01/12/2024	H
24-2324		11-213-100-101-CS-1101A-64-	2813/PAYROLL ACCOUNT	79	95,912.35	RESOURCE RM-SAL	01/12/2024	H
24-2324		11-219-100-101-LI-0213 - -	2813/PAYROLL ACCOUNT	79	25,520.40	SP ED HOME INSTR-SAL	01/12/2024	H
24-2324		11-402-100-100-DW-1010A-1 -	2813/PAYROLL ACCOUNT	79	1,377.00	ATHLETICS-SAL	01/12/2024	H
24-2324		11-402-100-100-HS-1010A-20-	2813/PAYROLL ACCOUNT	79	3,067.50	ATHLETICS-SAL	01/12/2024	H
24-2324		11-402-100-100-HS-1010A-46-	2813/PAYROLL ACCOUNT	79	4,816.00	ATHLETICS-SAL	01/12/2024	H
24-2324		13-424-100-101-WW- - -	2813/PAYROLL ACCOUNT	79	4,934.01	BEFORE/AFTER PROG SALARY	01/12/2024	H

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Check #	PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
POSTED CHECKS									
Total For Check Number 1179418						\$1,203,175.55			
*	1197531	24-2324	11-000-211-100-DW- - -	2813/PAYROLL ACCOUNT	79	1,364.58	ATTENDANCE-SAL	01/31/2024	H
		24-2324	11-000-213-104-BC-0410C- -	2813/PAYROLL ACCOUNT	79	4,500.25	HEALTH-SAL	01/31/2024	H
		24-2324	11-000-213-104-HS-0410C- -	2813/PAYROLL ACCOUNT	79	5,709.40	HEALTH-SAL	01/31/2024	H
		24-2324	11-000-213-104-LR-0410 - -	2813/PAYROLL ACCOUNT	79	19,943.15	HEALTH-SAL	01/31/2024	H
		24-2324	11-000-213-104-WW-0410C- -	2813/PAYROLL ACCOUNT	79	4,148.75	HEALTH-SAL	01/31/2024	H
		24-2324	11-000-213-110-DW-0410B- -	2813/PAYROLL ACCOUNT	79	320.00	HEALTH-SAL OTHER	01/31/2024	H
		24-2324	11-000-216-101-CS-1101A-67-	2813/PAYROLL ACCOUNT	79	8,564.10	SPEECH/OT/PT-SAL	01/31/2024	H
		24-2324	11-000-217-100-CS-0216A- -	2813/PAYROLL ACCOUNT	79	14,687.01	EXTRA SRV-SAL	01/31/2024	H
		24-2324	11-000-217-106-DW-0219A- -	2813/PAYROLL ACCOUNT	79	480.00	EXTRA SRV-SAL	01/31/2024	H
		24-2324	11-000-218-104-BC-0214B- -	2813/PAYROLL ACCOUNT	79	4,905.25	GUIDANCE-SAL	01/31/2024	H
		24-2324	11-000-218-104-HS-0214B- -	2813/PAYROLL ACCOUNT	79	23,896.16	GUIDANCE-SAL	01/31/2024	H
		24-2324	11-000-218-104-WW-0214B- -	2813/PAYROLL ACCOUNT	79	3,718.75	GUIDANCE-SAL	01/31/2024	H
		24-2324	11-000-218-105-HS-0215B- -	2813/PAYROLL ACCOUNT	79	3,067.50	GUIDANCE-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-219-104-CS-0214C- -	2813/PAYROLL ACCOUNT	79	39,841.93	CST-SAL	01/31/2024	H
		24-2324	11-000-219-105-CS-0215C- -	2813/PAYROLL ACCOUNT	79	4,601.93	CST-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-221-102-HS-0212 - -	2813/PAYROLL ACCOUNT	79	26,659.11	IMPROV INSTR-SAL SUPERV	01/31/2024	H
		24-2324	11-000-221-104-DW-0250E-2 -	2813/PAYROLL ACCOUNT	79	6,300.00	IMPROV INSTR-SAL OTH PRO	01/31/2024	H
		24-2324	11-000-222-100-BC-0214A- -	2813/PAYROLL ACCOUNT	79	5,221.00	MEDIA-SAL	01/31/2024	H
		24-2324	11-000-222-100-WW-0214A- -	2813/PAYROLL ACCOUNT	79	3,072.72	MEDIA-SAL	01/31/2024	H
		24-2324	11-000-222-110-HS-0215D- -	2813/PAYROLL ACCOUNT	79	2,103.43	MEDIA-SAL OTH	01/31/2024	H
		24-2324	11-000-230-100-AD-0110C- -	2813/PAYROLL ACCOUNT	79	204.00	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-230-100-AD-0110D- -	2813/PAYROLL ACCOUNT	79	7,129.99	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-230-100-AD-0110E- -	2813/PAYROLL ACCOUNT	79	5,677.27	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-230-100-LR-0000 - -	2813/PAYROLL ACCOUNT	79	1,892.43	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-230-100-LR-0110 - -	2813/PAYROLL ACCOUNT	79	96.00	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-230-100-LR-0110D- -	2813/PAYROLL ACCOUNT	79	2,376.67	GEN ADMIN-SAL	01/31/2024	H
		24-2324	11-000-240-103-BC-0211 - -	2813/PAYROLL ACCOUNT	79	6,494.83	SCH ADMIN-SAL	01/31/2024	H
		24-2324	11-000-240-103-HS-0211 - -	2813/PAYROLL ACCOUNT	79	13,546.28	SCH ADMIN-SAL	01/31/2024	H
		24-2324	11-000-240-103-LR-0211 - -	2813/PAYROLL ACCOUNT	79	8,064.16	SCH ADMIN-SAL	01/31/2024	H
		24-2324	11-000-240-103-WW-0211 - -	2813/PAYROLL ACCOUNT	79	6,680.54	SCH ADMIN-SAL	01/31/2024	H
		24-2324	11-000-240-104-HS-0212 - -	2813/PAYROLL ACCOUNT	79	5,870.95	SCH ADMIN-SAL OTH PROF	01/31/2024	H
		24-2324	11-000-240-105-BC-0215A- -	2813/PAYROLL ACCOUNT	79	5,784.75	SCH ADMIN-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-240-105-HS-0215A- -	2813/PAYROLL ACCOUNT	79	6,214.16	SCH ADMIN-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-240-105-LR-0215A- -	2813/PAYROLL ACCOUNT	79	3,833.95	SCH ADMIN-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-240-105-WW-0215A- -	2813/PAYROLL ACCOUNT	79	5,703.33	SCH ADMIN-SAL CLERICAL	01/31/2024	H
		24-2324	11-000-251-100-AD-0110A- -	2813/PAYROLL ACCOUNT	79	5,331.56	CENTRAL SERV-SAL	01/31/2024	H

Mountain Lakes Board of Education

Check Register By Check Number

for Batch 79 and Posted Checks : Current Cycle : January

1

va_chkr3.040423
01/01/2024

Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Batch	Check Amount Multi Remit To Check Name	Check Description or Remit To Check Name	Check Date	Check Type
POSTED CHECKS								
1197531 24-2324		11-000-251-100-AD-0110B- -	2813/PAYROLL ACCOUNT	79	8,991.66	CENTRAL SERV-SAL	01/31/2024	H
24-2324		11-000-251-100-LR-0110A- -	2813/PAYROLL ACCOUNT	79	4,319.57	CENTRAL SERV-SAL	01/31/2024	H
24-2324		11-000-252-100-DW- - -	2813/PAYROLL ACCOUNT	79	6,236.66	IT-SAL	01/31/2024	H
24-2324		11-000-261-100-DW-0710A- -	2813/PAYROLL ACCOUNT	79	11,085.47	REQ MAINT-SAL	01/31/2024	H
24-2324		11-000-261-100-DW-0710B- -	2813/PAYROLL ACCOUNT	79	845.71	REQ MAINT-SAL OTHER	01/31/2024	H
24-2324		11-000-262-100-DW- - -	2813/PAYROLL ACCOUNT	79	47,189.53	CUSTODIAL-SAL	01/31/2024	H
24-2324		11-000-262-100-DW-00000-A -	2813/PAYROLL ACCOUNT	79	2,157.15	CUSTODIAL-SAL LUNCH AIDE	01/31/2024	H
24-2324		11-000-262-100-DW-00000-O -	2813/PAYROLL ACCOUNT	79	1,831.13	CUSTODIAL-SAL OTHER	01/31/2024	H
24-2324		11-000-263-100-DW- - -	2813/PAYROLL ACCOUNT	79	3,884.29	GROUNDS-SAL	01/31/2024	H
24-2324		11-000-263-100-DW-00000-O -	2813/PAYROLL ACCOUNT	79	493.29	GROUNDS-SAL OTHER	01/31/2024	H
24-2324		11-105-100-101-AD- - -	2813/PAYROLL ACCOUNT	79	7,095.50	PRESCHOOL-SAL	01/31/2024	H
24-2324		11-110-100-101-WW-0213D- -	2813/PAYROLL ACCOUNT	79	15,510.20	KINDERG-SAL	01/31/2024	H
24-2324		11-120-100-101-WW-0213A- -	2813/PAYROLL ACCOUNT	79	127,964.23	GR1-5-SAL	01/31/2024	H
24-2324		11-120-100-101-WW-0213B- -	2813/PAYROLL ACCOUNT	79	5,100.00	GR1-5-SAL	01/31/2024	H
24-2324		11-120-100-101-WW-0213B-LT-	2813/PAYROLL ACCOUNT	79	8,215.43	GR1-5-SAL	01/31/2024	H
24-2324		11-120-100-101-WW-0213C- -	2813/PAYROLL ACCOUNT	79	500.00	GR1-5-SAL	01/31/2024	H
24-2324		11-130-100-101-BC-0213A- -	2813/PAYROLL ACCOUNT	79	112,838.94	GR6-8-SAL	01/31/2024	H
24-2324		11-130-100-101-BC-0213B- -	2813/PAYROLL ACCOUNT	79	1,575.00	GR6-8-SAL	01/31/2024	H
24-2324		11-130-100-101-BC-0213B-LT-	2813/PAYROLL ACCOUNT	79	1,330.00	GR6-8-SAL	01/31/2024	H
24-2324		11-130-100-101-BC-0213C- -	2813/PAYROLL ACCOUNT	79	200.00	GR6-8-SAL	01/31/2024	H
24-2324		11-140-100-101-HS-0213A- -	2813/PAYROLL ACCOUNT	79	212,416.33	GR9-12-SAL	01/31/2024	H
24-2324		11-140-100-101-HS-0213B- -	2813/PAYROLL ACCOUNT	79	3,075.00	GR9-12-SAL	01/31/2024	H
24-2324		11-140-100-101-HS-0213B-LT-	2813/PAYROLL ACCOUNT	79	4,258.50	GR9-12-SAL	01/31/2024	H
24-2324		11-140-100-101-HS-0213C- -	2813/PAYROLL ACCOUNT	79	750.00	GR9-12-SAL	01/31/2024	H
24-2324		11-190-100-106-TD-0216A- -	2813/PAYROLL ACCOUNT	79	8,204.29	REG PROG UND-SAL OTH INS	01/31/2024	H
24-2324		11-206-100-101-CS-1101A-64-	2813/PAYROLL ACCOUNT	79	405.00	VISUAL IMP-SAL	01/31/2024	H
24-2324		11-207-100-101-LR-0213A- -	2813/PAYROLL ACCOUNT	79	129,004.88	AUD IMP-SAL	01/31/2024	H
24-2324		11-207-100-101-LR-0213B- -	2813/PAYROLL ACCOUNT	79	3,505.25	AUD IMP-SAL	01/31/2024	H
24-2324		11-207-100-101-LR-0213C- -	2813/PAYROLL ACCOUNT	79	23,546.65	AUD IMP-SAL	01/31/2024	H
24-2324		11-207-100-101-LR-0214 - -	2813/PAYROLL ACCOUNT	79	9,499.45	AUD IMP-SAL	01/31/2024	H
24-2324		11-207-100-106-LR-0216A- -	2813/PAYROLL ACCOUNT	79	35,364.90	AUD IMP-SAL OTH INSTR	01/31/2024	H
24-2324		11-209-100-101-CS- - -	2813/PAYROLL ACCOUNT	79	8,099.50	EMOTIONAL-SAL	01/31/2024	H
24-2324		11-213-100-101-CS-1101A-64-	2813/PAYROLL ACCOUNT	79	97,009.60	RESOURCE RM-SAL	01/31/2024	H
24-2324		11-219-100-101-LI-0213 - -	2813/PAYROLL ACCOUNT	79	25,520.40	SP ED HOME INSTR-SAL	01/31/2024	H
24-2324		11-401-100-100-DW-1010A- -	2813/PAYROLL ACCOUNT	79	3,939.70	EXTRA-CURR-SAL	01/31/2024	H
24-2324		11-402-100-100-DW-1010A-1 -	2813/PAYROLL ACCOUNT	79	8,568.00	ATHLETICS-SAL	01/31/2024	H
24-2324		11-402-100-100-HS-1010A-20-	2813/PAYROLL ACCOUNT	79	3,067.50	ATHLETICS-SAL	01/31/2024	H

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01/01/2024

Mountain Lakes Board of Education

Check Register By Check Number

for Batch 79 and Posted Checks : Current Cycle : January

1

Check # PO #	Invoice Number	Account Number	Vendor No./ Vendor Name/Remit to Vendor	Ba- tch	Check Amount	Check Description or Multi Remit To Check Name	Check Date	Check Type
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POSTED CHECKS

1197531 24-2324	11-402-100-100-HS-1010A-46-	2813/PAYROLL ACCOUNT	79	4,816.00	ATHLETICS-SAL	01/31/2024	H
24-2324	13-424-100-101-WW- - -	2813/PAYROLL ACCOUNT	79	6,799.30	BEFORE/AFTER PROG SALARY	01/31/2024	H
Total For Check Number 1197531				\$1,223,219.90			
Total Posted Checks				\$2,426,395.45			

va_chkr3.040423
01/01/2024

Mountain Lakes Board of Education
Check Register By Check Number
for Batch 79 and Posted Checks : Current Cycle : January

1

Vendor No./ Vendor Name/Remit to Vendor							
Fund Summary	Fund Category	Sub Fund	Computer Checks	Computer Checks Non/AP	Hand Checks	Hand Checks Non/AP	Total Checks
	10	11			\$2,414,662.14		\$2,414,662.14
	10	13			\$11,733.31		\$11,733.31
	Fund 10	TOTAL			\$2,426,395.45		\$2,426,395.45
	GRAND	TOTAL	\$0.00	\$0.00	\$2,426,395.45	\$0.00	\$2,426,395.45

* Total Prior Cycle Checks Voided in selected cycle(s):	\$0.00
Total Checks from selected cycle(s) voided in the selected cycle(s):	\$0.00

Mountain Lakes Board of Education

Monthly Transfer Report

2

va_s1701
12/21/2023

Budget Category	Accounts	Original Budget	Revenues Allowed + Pr Yr Reserve	Orig + Rvnues Allowed + Pr Yr Reserve	Maximum Transfer Out Allowed	YTD Net Transfers	% change of Transfers	Remaining Transfers Out Allowed	Account Balance
INSTRUCTION									
Regular Programs	11-1XX-100-XXX 12-1XX-100-XXX 13-1XX-100-XXX 15-1XX-100-XXX	11,765,582.00	84,423.13	11,850,005.13	1,185,000.51	(763,252.71)	-6.44	421,747.80	832,043.11
Special Education, Basic Skills/Remedial and Bilingual Instruction and Speech/OT/PT and Ex	1X-2XX-100-XXX 1X-000-216-XXX 1X-000-217-XXX	6,737,539.00	14,291.15	6,751,830.15	675,183.02	480,632.55	7.12	1,155,815.57	55,398.91
Vocational Programs-Local	1X-3XX-100-XXX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School-Spon. Co/Extra-Curr. Activities, School Sponsored Athletics, and Other Instructiona	11-4XX-100-XXX 11-4XX-200-XXX 12-4XX-100-XXX 15-4XX-100-XXX 15-4XX-200-XXX	1,120,217.00	17,692.46	1,137,909.46	113,790.95	184,782.00	16.24	298,572.95	703,289.41
Community Services Programs/Operations	1X-800-330-XXX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL INSTRUCTIONAL EXPENSE		19,623,338.00	116,406.74	19,739,744.74					1,590,731.43
UNDISTRIBUTED EXPENDITURES									
Tuition	11-000-100-XXX	1,139,810.00	13,187.02	1,152,997.02	115,299.70	(102,000.00)	-8.85	13,299.70	366,857.77
Attendance and Social Work, Health, Guidance, Child Study Teams, Education Media Services/	1X-000-211-XXX 1X-000-213-XXX 1X-000-218-XXX 1X-000-219-XXX 1X-000-222-XXX	3,151,701.00	6,335.75	3,158,036.75	315,803.68	19,922.00	0.63	335,725.68	116,344.97
Improvement of Instruction Services and Instructional Staff Training Services	1X-000-221-XXX 1X-000-223-XXX	758,114.00	11,694.53	769,808.53	76,980.85	18,394.00	2.39	95,374.85	81,180.29
General Administration	1X-000-230-XXX	834,026.00	10,568.54	844,594.54	84,459.45	14,729.00	1.74	99,188.45	16,619.40
School Administration	1X-000-240-XXX	1,574,569.00	62,028.14	1,636,597.14	163,659.71	(138,314.29)	-8.45	25,345.42	29,188.44
Central Services & Administrative Information Technology	1X-000-25X-XXX	684,371.00	32,007.28	716,378.28	71,637.83	(47,279.55)	-6.60	24,358.28	16,299.79
Operation and Maintenance of Plant Services	1X-000-26X-XXX	3,557,636.00	47,152.75	3,604,788.75	360,478.88	92,712.00	2.57	453,190.88	325,418.55
Student Transportation Services	1X-000-270-XXX	479,673.00	93,727.09	573,400.09	57,340.01	(4,000.00)	-0.70	53,340.01	224,365.28
Personal Services-Employee Benefits	1X-XXX-XXX-2XX	6,825,175.00	47,898.68	6,873,073.68	687,307.37	(56,552.00)	-0.82	630,755.37	166,954.39

Mountain Lakes Board of Education

Monthly Transfer Report

2

va_s1701
12/21/2023

Budget Category	Accounts	Original Budget	Revenues Allowed + Pr Yr Reserve	Orig + Rvnues Allowed + Pr Yr Reserve	Maximum Transfer Out Allowed	YTD Net Transfers	% change of Transfers	Remaining Transfers Out Allowed	Account Balance
Food Services	11-000-310-XXX	41,620.00	0.00	41,620.00	4,162.00	0.00	0.00	4,162.00	28,960.40
Transfer Property Sale Proceedes to Debt Service Reserve	11-000-520-934	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transfer from General Fund Surplus to Debt Service Fund to Repay CDL	11-000-520-936	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL UNDISTRIBUTED EXPENSE		19,046,695.00	324,599.78	19,371,294.78					1,372,189.28
TOTAL GENERAL CURRENT EXPENSE		38,670,033.00	441,006.52	39,111,039.52					2,962,920.71
Equipment	12-XXX-XXX-73X 15-XXX-XXX-73X	201,232.00	19,976.90	221,208.90	22,120.89	49,593.00	22.42	71,713.89	2,097.25
Facilities Acquisition and Construction Services	12-000-4XX-XXX	838,298.00	0.00	838,298.00	0.00	24,008.00	2.86	24,008.00	515,001.69
Capital Reserve-Transfer to Capital Expend. Fund	12-000-4XX-931	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital Reserve-Transfer to Repayment of Debt	12-000-4XX-933	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL EXPENDITURES		1,039,530.00	19,976.90	1,059,506.90					517,098.94
TOTAL SPECIAL SCHOOLS	13-XXX-XXX-XXX	298,152.00	0.00	298,152.00	29,815.20	226,626.00	76.01	256,441.20	154,610.23
Transfer of Funds to Charter Schools	10-000-100-56X	18,000.00	0.00	18,000.00	1,800.00	0.00	0.00	1,800.00	18,000.00
Transfer of Funds to Renaissance	10-000-100-571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Fund Contribution to School Based Budgets	10-000-520-930	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING BUDGET GRAND TOTAL		40,025,715.00	460,983.42	40,486,698.42					3,652,629.88


 School Business Administrator Signature

2.2.24
 Date

MOUNTAIN LAKES
SCHOOL DISTRICT
Treasurer's Report
ALL FUNDS
Month Ending
DECEMBER 31, 2023

FUNDS	OPENING CASH BALANCE 12/1/23	ADJUSTMENTS	CURRENT MONTH RECEIPTS	CURRENT MONTH DISBURSEMENTS	ENDING CASH BALANCE 12/31/23
<u>GOVERNMENTAL FUNDS</u>					
10 GENERAL FUND	\$5,683,656.49	\$0.00	\$3,767,499.83	\$3,637,940.60	\$5,813,215.72
20 SPECIAL REVENUE FUND	\$68,917.63	\$0.00	\$58,880.87	\$40,728.41	\$87,070.09
30 CAPITAL PROJECTS FUND	\$633,359.10	\$0.00	\$0.00	\$0.00	\$633,359.10
40 DEBT SERVICE FUND	(\$605,150.16)	\$0.00	\$137,821.15	\$0.00	(\$467,329.01)
	<u>\$5,780,783.06</u>	<u>\$0.00</u>	<u>\$3,964,201.85</u>	<u>\$3,678,669.01</u>	<u>\$6,066,315.90</u>
60 CAFETERIA ACCOUNT	\$190,784.84	\$0.00	\$85,955.09	\$63,744.03	\$212,995.90
TOTAL GOVERNMENTAL FUNDS:	<u>\$5,971,567.90</u>	<u>\$0.00</u>	<u>\$4,050,156.94</u>	<u>\$3,742,413.04</u>	<u>\$6,279,311.80</u>
<u>TRUST & AGENCY FUNDS</u>					
UNEMPLOYMENT	\$436,490.63	\$0.00	\$1,430.55	\$0.00	\$437,921.18
NET PAYROLL	\$0.00	\$0.00	\$1,660,848.34	\$1,660,848.34	\$0.00
PAYROLL AGENCY	\$37,474.29	\$0.00	\$1,145,674.22	\$940,525.19	\$242,623.32
TOTAL TRUST & AGENCY FUNDS:	<u>\$473,964.92</u>	<u>\$0.00</u>	<u>\$2,807,953.11</u>	<u>\$2,601,373.53</u>	<u>\$680,544.50</u>
TOTAL ALL FUNDS:	<u>\$6,445,532.82</u>	<u>\$0.00</u>	<u>\$6,858,110.05</u>	<u>\$6,343,786.57</u>	<u>\$6,959,856.30</u>

PREPARED AND SUBMITTED BY:


TREASURER OF SCHOOL MONIES
LISA PALMIERI

1/16/2024
DATE

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MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - GENERAL ACCOUNT
AS OF DECEMBER 31, 2023

Balance per Books - December 1, 2023		5,780,783.06
Add: Receipts		<u>3,964,201.85</u>
		9,744,984.91
Less: Disbursements		<u>3,678,669.01</u>
Balance per Books - December 31, 2023		<u>6,066,315.90</u>
Balance per Bank		
Lakeland Bank #XXXXX4445 (General Money Market)		0.00
Lakeland Bank #624611616 (General)		<u>6,767,294.21</u>
		6,767,294.21
Add: Reconciling Items - Deposits in Transit:		
Check #89551 cashed difference	0.31	
December Adjustment	141.91	
Over Void check	7.24	
January Adjustment	4.27	
August Adjustment	167.00	
Interest Adjustment	681.26	
October Adjustment	(2.91)	
Degenaaars Reimbursement	3,300.00	
Audit Adjustment	7,096.00	
Charge Back item 12/9/21	199.50	
Check #93850 dated 12/28/20 cashed 7/7/23	20.00	
Deposit in Transit - Boonton Ice Hockey 12/31/23	6,000.00	
Due from Cafeteria Account 12/18/23 #99252	384.00	
Due from Cafeteria Account 12/28/23 #99290	<u>63,125.33</u>	
		<u>81,123.91</u>
		6,848,418.12
Less: Reconciling Items		
November Adjustment	(348.14)	
Fund 20 Adjustment	(4,618.56)	
Fund 20 Adjustment	(745.00)	
March Adjustment	0.45	
Miscellaneous Adjustment	2.20	
January Adjustment	173.60	
Tuition Adjustment	1,377.00	
Due to Cafeteria Acct Deposit Error 12/1/23	2,730.32	
Due to Cafeteria Acct 11/30/23 transfer	110,017.35	
Outstanding Checks	<u>673,513.00</u>	
		<u>782,102.22</u>
		<u>6,066,315.90</u>

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MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - GENERAL ACCOUNT
AS OF DECEMBER 31, 2023

<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>	<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>	<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>
11/30/22	97178	36.38	11/30/23	99147	171.64	12/21/23	99271	801.37
11/30/22	97181	36.38	11/30/23	99152	700.00	12/21/23	99273	1,337.60
11/30/22	97182	29.75	11/30/23	99153	180.00	12/21/23	99274	23,700.00
11/30/22	97183	25.38	11/30/23	99169	959.92	12/28/23	99275	2,194.00
11/30/22	97186	29.75	11/30/23	99174	7,175.00	12/28/23	99276	360.00
11/30/22	97187	36.38	11/30/23	99186	11,152.00	12/28/23	99277	330.00
11/30/22	97190	78.38	11/30/23	99200	347.80	12/28/23	99278	5,588.75
11/30/22	97206	25.38	11/30/23	99201	380.00	12/28/23	99279	163.55
11/30/22	97208	67.38	11/30/23	99202	361.43	12/28/23	99280	7,199.68
11/30/22	97209	25.38	11/30/23	99203	143.15	12/28/23	99281	224.65
11/30/22	97224	2,624.00	11/30/23	99212	275.00	12/28/23	99282	675.00
12/21/22	97329	36.25	12/18/23	99219	2,770.88	12/28/23	99283	215.92
3/30/23	97864	145.70	12/18/23	99221	571.27	12/28/23	99284	503.45
4/18/23	97933	228,434.71	12/18/23	99222	1,986.19	12/28/23	99285	636.00
4/27/23	97999	57,433.53	12/18/23	99223	304.41	12/28/23	99286	2,056.15
5/18/23	98077	200.00	12/18/23	99225	400.00	12/28/23	99287	150.00
6/13/23	98207	326.09	12/18/23	99226	16,970.00	12/28/23	99288	198.00
6/29/23	98291	136.75	12/18/23	99227	210.48	12/28/23	99289	9,612.20
6/29/23	98292	574.25	12/18/23	99228	640.00	12/28/23	99290	63,125.33
6/29/23	98297	40.00	12/18/23	99229	2,250.00	12/28/23	99291	5,865.00
6/30/23	98340	511.00	12/18/23	99233	75.00	12/28/23	99292	43.18
7/28/23	98498	213.95	12/18/23	99234	442.21	12/28/23	99293	150.00
7/28/23	98509	254.28	12/18/23	99235	68.98	12/28/23	99294	8,345.88
9/16/23	98660	397.90	12/18/23	99236	115.96	12/28/23	99295	228.43
9/29/23	98777	150.00	12/18/23	99237	29,596.50			
10/30/23	98946	56.00	12/18/23	99239	8,457.84			
10/30/23	98995	270.72	12/18/23	99240	182.88			
11/17/23	99034	37.98	12/18/23	99243	512.55			
11/17/23	99035	68.98	12/18/23	99244	101,604.00			
11/17/23	99036	68.98	12/18/23	99245	75.00			
11/17/23	99038	68.98	12/18/23	99246	2,665.00			
11/17/23	99039	68.98	12/18/23	99248	1,380.00			
11/17/23	99040	68.98	12/18/23	99249	39.44			
11/17/23	99042	68.98	12/18/23	99251	975.00			
11/17/23	99043	68.98	12/18/23	99252	384.00			
11/17/23	99044	68.98	12/18/23	99256	15,406.10			
11/17/23	99048	79.98	12/18/23	99261	170.15			
11/17/23	99049	79.98	12/21/23	99262	279.00			
11/17/23	99052	99.35	12/21/23	99263	2,729.30			
11/17/23	99076	2,000.00	12/21/23	99264	2,400.00			
11/30/23	99128	150.00	12/21/23	99265	1,976.88			
11/30/23	99129	21,825.00	12/21/23	99266	4,407.10			
11/30/23	99132	197.00	12/21/23	99269	700.00			
		<u>317,216.80</u>			<u>222,592.06</u>			<u>133,704.14</u>

3

ROXBURY TOWNSHIP
BOARD OF EDUCATION
BANK RECONCILIATION - GENERAL ACCOUNT
AS OF DECEMBER 31, 2023

RECAP:

317,216.80

222,592.06

133,704.14

TOTAL 673,513.00 Total outstanding checks as of December 31, 2023

MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - CAFETERIA ACCOUNT
AS OF DECEMBER 31, 2023

3

Balance per Books - December 1, 2023	190,784.84
Add: Receipts	85,955.09
	<u>276,739.93</u>
Less: Disbursements	<u>63,744.03</u>
Balance per Books - December 31, 2023	<u>212,995.90</u>
Balance per Bank	
Lakeland Bank #624611829 (Cafeteria)	166,487.88
Add: Due from General Account 11/30/23 transfer twice	110,017.35
Less: Transfer in Transit Due to General Fund 12/18/23 #99252	(384.00)
Less: Transfer in Transit Due to General Fund 12/28/23 #99290	<u>(63,125.33)</u>
	<u>212,995.90</u>

MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - UNEMPLOYMENT ACCOUNT
AS OF DECEMBER 31, 2023

3

Balance per Books - December 1, 2023	436,490.63
Add: Receipts	<u>1,430.55</u>
	437,921.18
Less: Disbursements	<u>0.00</u>
Balance per Books - December 31, 2023	<u>437,921.18</u>
Balance per Bank	
Lakeland Bank #XXXXXX1802 (Unemployment)	<u>437,921.18</u>

3

MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - NET PAYROLL ACCOUNT
AS OF DECEMBER 31, 2023

Balance per Books - December 1, 2023		0.00
Add: Receipts		<u>1,660,848.34</u>
		1,660,848.34
Less: Disbursements		<u>1,660,848.34</u>
Balance per Books - December 31, 2023		<u><u>0.00</u></u>
Balance per Bank		
Lakeland Bank #624611691 (Net Payroll)		8,192.33
Less: Interest due to General Fund		
July - 2023	184.85	
August - 2023	208.42	
September - 2023	356.22	
October - 2023	547.47	
November - 2023	386.34	
December - 2023	<u>407.18</u>	
		<u>2,090.48</u>
		6,101.85
Less: Outstanding Checks		<u>6,101.85</u>
		<u><u>0.00</u></u>

3

MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - NET PAYROLL ACCOUNT
AS OF DECEMBER 31, 2023

<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>	<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>	<u>Date</u> <u>Issued</u>	<u>Check</u> <u>#</u>	<u>Amount</u>
6/28/23	151216	368.37						
12/15/23	151324	2,616.57						
12/22/23	151333	3,116.91						

<u>6,101.85</u>	<u>0.00</u>	<u>0.00</u>
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RECAP:

6,101.85
0.00
<u>0.00</u>

<u><u>6,101.85</u></u>

Total Outstanding Checks as of December 31, 2023

MOUNTAIN LAKES SCHOOL DISTRICT
BOARD OF EDUCATION
BANK RECONCILIATION - PAYROLL AGENCY ACCOUNT
AS OF DECEMBER 31, 2023

3

Balance per Books - December 1, 2023	37,474.29
Add: Receipts	<u>1,145,674.22</u>
	1,183,148.51
Less: Disbursements	<u>940,525.19</u>
Balance per Books - December 31, 2023	<u><u>242,623.32</u></u>
Balance per Bank	
Lakeland Bank #624611640 (Payroll Agency)	<u><u>242,623.32</u></u>

4

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
General Fund - Fund 10
Interim Balance Sheet
For 6 Month Period Ending 12/31/2023

=====

ASSETS AND RESOURCES

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--- A S S E T S ---

101	Cash in bank		\$4,469,958.86
102-107	Cash and cash equivalents		\$627.65
116	Capital reserve Account		\$1,343,256.86
121	Tax levy receivable		\$11,884,213.00
	Accounts receivable:		
132	Interfund	\$140,041.17	
141	Intergovernmental - State	\$873,399.76	
153,154	Other (net of est uncollectible of \$_____)	\$7,934,925.74	\$8,948,366.67
	Other Current Assets		\$0.00

--- R E S O U R C E S ---

301	Estimated Revenues	\$37,729,017.00	
302	Less Revenues	(\$36,628,360.92)	
			\$1,100,656.08
			<hr/>
	Total assets and resources		\$27,747,079.12
			<hr/>

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
General Fund - Fund 10
Interim Balance Sheet
For 6 Month Period Ending 12/31/2023

4

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LIABILITIES AND FUND EQUITY

=====

--- L I A B I L I T I E S ---

402	Interfund Accounts Payable	\$37,453.03
	Other current liabilities including Net Assets	\$216,725.49
TOTAL LIABILITIES		\$254,178.52
		=====

FUND BALANCE

--- A p p r o p r i a t e d ---

753	Reserve for Encumbrances - Current Year		\$19,328,307.33
754	Reserve for Encumbrance - Prior Year		\$197,878.05
	Reserved fund balance:		
761	Capital reserve account -	\$1,458,256.86	
604	Add: Increase in capital reserve	\$100.00	
307	Less: Budg w/d from Capital Rsrv Elgbl. Cost	(\$525,000.00)	
			\$933,356.86
765	Reserve for Tuition Payments	\$200,000.00	
311	Less: Withdrawal from Tuition Reserve	(\$100,000.00)	
			\$100,000.00
764	Reserve for Maintenance	\$420,000.00	
			\$420,000.00
760	Reserved Fund Balance		\$96,716.14
601	Appropriations	\$40,486,698.42	
602	Less : Expenditures	\$17,307,883.16	
603	Encumbrances	\$19,526,185.38 (\$36,834,068.54)	
			\$3,652,629.88
	Total Appropriated		\$24,728,888.26
--- U n a p p r o p r i a t e d ---			
770	Unreserved Fund Balance -		\$5,060,710.34
303	Budgeted Fund Balance		(\$2,296,698.00)

TOTAL FUND BALANCE	\$27,492,900.60
TOTAL LIABILITIES AND FUND EQUITY	\$27,747,079.12
	=====

Mountain Lakes Board of Education
General Fund - Fund 10
Interim Balance Sheet
For 6 Month Period Ending 12/31/2023

4

RECAPITULATION OF FUND BALANCE:

	Budgeted	Actual	Variance
Appropriations	\$40,486,698.42	\$36,834,068.54	\$3,652,629.88
Revenues	(\$37,729,017.00)	(\$36,628,360.92)	(\$1,100,656.08)
	<u>\$2,757,681.42</u>	<u>\$205,707.62</u>	<u>\$2,551,973.80</u>
Change in Capital Reserve accounts:			
604 Plus - Increase in reserve	\$100.00		
307 Less: Eligible Withdrawal	(\$525,000.00)		
Change in Tuition Reserve accounts:			
311 Less: w/d from Tuition reserve	(\$100,000.00)		
	<u>c</u>		
Subtotal Reserve Adjustments	(\$624,900.00)	(\$624,900.00)	
Less: Adjust for prior year encumb.	(\$460,983.42)	(\$460,983.42)	
Budgeted Fund Balance	<u>\$1,671,798.00</u>	<u>(\$880,175.80)</u>	<u>\$2,551,973.80</u>
Recapitulation of Budgeted Fund Balance by Subfund			
Fund 10 (includes 10, 11, 12, and 13)	\$1,671,798.00	(\$880,175.80)	\$2,551,973.80
TOTAL Budgeted Fund Balance	<u><u>\$1,671,798.00</u></u>	<u><u>(\$880,175.80)</u></u>	<u><u>\$2,551,973.80</u></u>

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
GENERAL FUND - FUND 10
INTERIM STATEMENTS COMPARING
BUDGET REVENUE WITH ACTUAL TO DATE AND
APPROPRIATIONS WITH EXPENDITURES AND ENCUMBRANCES TO DATE
For 6 Month Period Ending 12/31/2023

		BUDGETED ESTIMATED	ACTUAL TO DATE	NOTE: OVER OR (UNDER)	UNREALIZED BALANCE
*** REVENUES/SOURCES OF FUNDS ***					
1XXX	From Local Sources	\$36,346,830.00	\$35,328,857.92		\$1,017,972.08
3XXX	From State Sources	\$1,382,187.00	\$1,299,503.00		\$82,684.00
TOTAL REVENUE/SOURCES OF FUNDS		\$37,729,017.00	\$36,628,360.92		\$1,100,656.08
		=====	=====	=====	=====
		APPROPRIATIONS	EXPENDITURES	ENCUMBRANCES	AVAILABLE BALANCE
*** EXPENDITURES ***					
--- CURRENT EXPENSE ---					
11-1XX-100-XXX	Regular Programs - Instruction	\$11,086,752.42	\$4,626,013.14	\$5,628,696.17	\$832,043.11
11-2XX-100-XXX	Special Education - Instruction	\$6,726,616.15	\$2,653,172.79	\$4,018,495.74	\$54,947.62
11-401-100-XXX	School-Spon. Cocurr. Acti-Instr	\$292,783.96	\$40,856.98	\$10,165.66	\$241,761.32
11-402-100-XXX	School-Spons. Athletics - Instruction	\$1,029,907.50	\$428,097.17	\$140,282.24	\$461,528.09
--- UNDISTRIBUTED EXPENDITURES ---					
11-000-100-XXX	Instruction	\$1,050,997.02	\$278,375.39	\$405,763.86	\$366,857.77
11-000-211-XXX	Attendance and Social Work Services	\$15,263.00	\$15,262.30	\$0.00	\$0.70
11-000-213-XXX	Health Services	\$1,115,059.75	\$385,978.88	\$630,206.17	\$98,874.70
11-000-216-XXX	Speech, OT,PT & Related Svcs	\$173,993.55	\$68,904.46	\$104,638.20	\$450.89
11-000-217-XXX	Other Support Serv - Students Extra Srvc	\$331,853.00	\$126,035.31	\$205,817.29	\$0.40
11-000-218-XXX	Guidance	\$832,496.00	\$392,513.89	\$431,551.02	\$8,431.09
11-000-219-XXX	Child Study Teams	\$965,392.00	\$429,498.53	\$533,955.61	\$1,937.86
11-000-221-XXX	Improv of Inst. - Instruc Staff	\$746,598.00	\$388,104.30	\$308,272.28	\$50,221.42
11-000-222-XXX	Educational Media Serv/School Library	\$249,748.00	\$106,526.10	\$136,121.28	\$7,100.62
11-000-223-XXX	Instructional Staff Training Services	\$41,604.53	\$8,434.32	\$2,211.34	\$30,958.87
11-000-230-XXX	Supp. Serv.-General Administration	\$859,323.54	\$494,817.99	\$347,886.15	\$16,619.40
11-000-240-XXX	Supp. Serv.-School Administration	\$1,498,282.85	\$807,140.69	\$661,953.72	\$29,188.44
11-000-25X-XXX	Central Serv & Admin. Inform. Tech.	\$669,098.73	\$373,197.56	\$279,601.38	\$16,299.79
11-000-261-XXX	Require Maint. for School Facilities	\$912,111.84	\$453,148.31	\$374,992.84	\$83,970.69
11-000-262-XXX	Custodial Services	\$2,503,316.06	\$1,328,312.21	\$1,050,116.64	\$124,887.21
11-000-263-XXX	Care and Upkeep of Grounds	\$270,572.85	\$102,442.43	\$63,069.77	\$105,060.65
11-000-266-XXX	Security	\$11,500.00	\$0.00	\$0.00	\$11,500.00
11-000-270-XXX	Student Transportation Services	\$569,400.09	\$167,264.79	\$177,770.02	\$224,365.28
11-XXX-XXX-2XX	Allocated and Unallocated Benefits	\$6,816,521.68	\$2,884,114.97	\$3,765,452.32	\$166,954.39
11-000-310-XXX	Food Services	\$41,620.00	\$8,287.10	\$4,372.50	\$28,960.40
TOTAL GENERAL CURRENT EXPENSE					
EXPENDITURES/USES OF FUNDS		\$38,810,812.52	\$16,566,499.61	\$19,281,392.20	\$2,962,920.71
		=====	=====	=====	=====

4

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
GENERAL FUND - FUND 10
INTERIM STATEMENTS COMPARING
BUDGET REVENUE WITH ACTUAL TO DATE AND
APPROPRIATIONS WITH EXPENDITURES AND ENCUMBRANCES TO DATE
For 6 Month Period Ending 12/31/2023

*** EXPENDITURES - cont'd ***	APPROPRIATIONS	EXPENDITURES	ENCUMBRANCES	AVAILABLE BALANCE
 *** CAPITAL OUTLAY ***				
12-XXX-XXX-73X Equipment	\$270,801.90	\$217,142.96	\$51,561.69	\$2,097.25
12-000-4XX-XXX Facilities acquisition & constr. serv.	\$862,306.00	\$154,072.82	\$193,231.49	\$515,001.69
 TOTAL CAP OUTLAY EXPEND./USES OF FUNDS	 \$1,133,107.90	 \$371,215.78	 \$244,793.18	 \$517,098.94
 *** SPECIAL SCHOOLS ***				
13-422-100-XXX Summer school -instruction	\$273,423.00	\$273,421.23	.00	\$1.77
13-4XX-100-XXX Other spec. schools-instruction	\$250,555.00	\$95,946.54	\$0.00	\$154,608.46
13-4XX-200-XXX Other spec. schools-support serv.	\$800.00	\$800.00	\$0.00	\$0.00
 TOTAL SPECIAL SCHOOLS EXPENDITURES/USES OF FUNDS	 \$524,778.00	 \$370,167.77	 \$0.00	 \$154,610.23
 10-000-100-56X Transfer of Funds to Charter Schools	 \$18,000.00	 .00	 .00	 \$18,000.00
 TOTAL GENERAL FUND EXPENDITURES	 \$40,486,698.42	 \$17,307,883.16	 \$19,526,185.38	 \$3,652,629.88

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REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
GENERAL FUND - FUND 10
SCHEDULE OF REVENUES
ACTUAL COMPARED WITH ESTIMATED
For 6 Month Period Ending 12/31/2023

	ESTIMATED	ACTUAL	UNREALIZED
	<u> </u>	<u> </u>	<u> </u>
--- LOCAL SOURCES ---			
1210 Local Tax Levy	\$23,768,426.00	\$23,768,426.00	.00
1310 Tuition from Individuals	\$854,463.00	\$1,023,682.57	(\$169,219.57)
1320 Tuition from LEAs Within State	\$11,589,307.00	\$10,312,021.36	\$1,277,285.64
1410 Transp Fees from Individuals	\$9,800.00	\$7,997.00	\$1,803.00
1910 Rents and Royalties	\$16,197.00	\$16,248.46	(\$51.46)
1XXX Miscellaneous	\$108,637.00	\$200,482.53	(\$91,845.53)
	<u> </u>	<u> </u>	<u> </u>
TOTAL LOCAL	\$36,346,830.00	\$35,328,857.92	\$1,017,972.08
	=====	=====	=====
--- STATE SOURCES ---			
3121 Categorical Transportation Aid	\$78,377.00	\$78,377.00	.00
3131 Extraordinary Aid	\$79,549.00	.00	\$79,549.00
3132 Categorical Special Education Aid	\$1,157,088.00	\$1,157,088.00	.00
3177 Categorical Security	\$67,173.00	\$64,038.00	\$3,135.00
	<u> </u>	<u> </u>	<u> </u>
TOTAL	\$1,382,187.00	\$1,299,503.00	\$82,684.00
	=====	=====	=====
TOTAL REVENUES/SOURCES OF FUNDS	\$37,729,017.00	\$36,628,360.92	\$1,100,656.08
	=====	=====	=====

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

4

	Appropriations	Expenditures	Encumbrances	Available Balance
*** GENERAL CURRENT EXPENSE ***				
--- Regular Programs - Instruction ---				
11-105-100-101 Preschool - Salaries of Teachers	\$376,808.00	\$56,764.00	.00	\$320,044.00
11-110-100-101 Kindergarten - Salaries of Teachers	\$321,244.00	\$124,081.60	\$186,122.40	\$11,040.00
11-120-100-101 Grades 1-5 - Salaries of Teachers	\$2,589,090.00	\$1,116,727.86	\$1,472,335.44	\$26.70
11-130-100-101 Grades 6-8 - Salaries of Teachers	\$2,223,581.00	\$932,642.39	\$1,207,507.46	\$83,431.15
11-140-100-101 Grades 9-12 - Salaries of Teachers	\$4,506,732.00	\$1,781,150.04	\$2,467,230.91	\$258,351.05
--- Regular Programs - Home Instruction ---				
11-150-100-101 Salaries of Teachers	\$3,550.00	\$3,550.00	\$0.00	\$0.00
11-150-100-320 Purchased Prof.-Ed. Services	\$15,873.16	\$873.16	.00	\$15,000.00
--- Regular Programs - Undistr. Instruction ---				
11-190-100-106 Other Salaries for Instruction	\$186,439.00	\$105,040.11	\$45,227.85	\$36,171.04
11-190-100-500 Other Purch. Serv. (400-500 series)	\$426,755.39	\$267,220.79	\$124,565.09	\$34,969.51
11-190-100-610 General Supplies	\$345,463.42	\$170,669.27	\$124,406.51	\$50,387.64
11-190-100-640 Textbooks	\$73,918.45	\$59,992.22	\$1,104.51	\$12,821.72
11-190-100-800 Other Objects	\$17,298.00	\$7,301.70	\$196.00	\$9,800.30
TOTAL	\$11,086,752.42	\$4,626,013.14	\$5,628,696.17	\$832,043.11
--- SPECIAL EDUCATION - INSTRUCTION ---				
Visual Impairments:				
11-206-100-101 Salaries of Teachers	\$2,205.00	\$2,205.00	\$0.00	\$0.00
TOTAL	\$2,205.00	\$2,205.00	\$0.00	\$0.00
Auditory Impairments:				
11-207-100-101 Salaries of Teachers	\$3,341,611.67	\$1,326,208.41	\$2,014,121.98	\$1,281.28
11-207-100-106 Other Salaries for Instruction	\$688,921.00	\$268,466.00	\$420,454.80	\$0.20
11-207-100-500 Other Purch. Serv. (400-500 series)	\$1,729.00	.00	\$1,729.00	.00
11-207-100-610 General Supplies	\$32,310.99	\$9,945.76	\$5,676.12	\$16,689.11
11-207-100-640 Textbooks	\$7,000.00	.00	.00	\$7,000.00
11-207-100-800 Other Objects	\$11,064.00	\$3,541.00	\$7,523.00	.00
TOTAL	\$4,082,636.66	\$1,608,161.17	\$2,449,504.90	\$24,970.59
Emotional Regulation Impairment:				
11-209-100-101 Salaries of Teachers	\$164,036.00	\$64,796.00	\$97,194.00	\$2,046.00
TOTAL	\$164,036.00	\$64,796.00	\$97,194.00	\$2,046.00
Resource Room/Resource Center:				
11-213-100-101 Salaries of Teachers	\$1,921,190.00	\$784,528.77	\$1,136,660.63	\$0.60
11-213-100-610 General supplies	\$7,980.00	\$3,223.97	\$2,111.25	\$2,644.78
TOTAL	\$1,929,170.00	\$787,752.74	\$1,138,771.88	\$2,645.38
Home Instruction:				
11-219-100-101 Salaries of Teachers	\$518,561.00	\$184,235.12	\$331,772.88	\$2,553.00
11-219-100-320 Purchased Prof.-Ed. Services	\$12,007.49	\$1,007.49	\$507.40	\$10,492.60
11-219-100-500 Other Purch. Serv. (400-500 series)	\$15,000.00	\$5,015.27	\$744.68	\$9,240.05
11-219-100-610 General Supplies	\$3,000.00	.00	.00	\$3,000.00

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

	Appropriations	Expenditures	Encumbrances	Available Balance
TOTAL	\$548,568.49	\$190,257.88	\$333,024.96	\$25,285.65
TOTAL SPECIAL ED - INSTRUCTION	\$6,726,616.15	\$2,653,172.79	\$4,018,495.74	\$54,947.62
--- School spons.cocurricular activities-Instruction ---				
11-401-100-100 Salaries	\$280,215.66	\$38,927.99	\$8,740.66	\$232,547.01
11-401-100-500 Purchased Services (300-500 series)	\$200.00	.00	.00	\$200.00
11-401-100-600 Supplies and Materials	\$5,965.30	\$1,333.99	.00	\$4,631.31
11-401-100-800 Other Objects	\$6,403.00	\$595.00	\$1,425.00	\$4,383.00
TOTAL	\$292,783.96	\$40,856.98	\$10,165.66	\$241,761.32
--- School sponsored athletics-Instruct. ---				
11-402-100-100 Salaries	\$839,514.00	\$326,554.79	\$95,525.60	\$417,433.61
11-402-100-500 Purchased Services (300-500 series)	\$30,000.00	\$22,807.38	\$2,056.00	\$5,136.62
11-402-100-600 Supplies and Materials	\$68,113.50	\$38,379.10	\$22,468.69	\$7,265.71
11-402-100-800 Other Objects	\$92,280.00	\$40,355.90	\$20,231.95	\$31,692.15
TOTAL	\$1,029,907.50	\$428,097.17	\$140,282.24	\$461,528.09
--- UNDISTRIBUTED EXPENDITURES ---				
--- Instruction ---				
11-000-100-563 Tuition to Co.Voc.School Dist.-reg.	\$251,000.00	\$32,107.00	.00	\$218,893.00
11-000-100-566 Tuition to Priv Sch for Disbl w/i State	\$799,997.02	\$246,268.39	\$405,763.86	\$147,964.77
TOTAL	\$1,050,997.02	\$278,375.39	\$405,763.86	\$366,857.77
--- Attendance and social work services ---				
11-000-211-100 Salaries	\$15,263.00	\$15,262.30	.00	\$0.70
TOTAL	\$15,263.00	\$15,262.30	\$0.00	\$0.70
--- Health services ---				
11-000-213-100 Salaries	\$613,764.00	\$283,573.74	\$330,189.40	\$0.86
11-000-213-300 Purchased Prof. & Tech. Svc.	\$478,155.75	\$99,526.70	\$299,686.77	\$78,942.28
11-000-213-500 Other Purchd. Serv.(400-500 series)	\$250.00	.00	.00	\$250.00
11-000-213-600 Supplies and Materials	\$22,890.00	\$2,878.44	\$330.00	\$19,681.56
TOTAL	\$1,115,059.75	\$385,978.88	\$630,206.17	\$98,874.70
--- Speech, OT,PT & Related Svcs ---				
11-000-216-100 Salaries	\$173,129.00	\$68,512.80	\$104,476.20	\$140.00
11-000-216-600 Supplies and Materials	\$864.55	\$391.66	\$162.00	\$310.89
TOTAL	\$173,993.55	\$68,904.46	\$104,638.20	\$450.89
--- Other support services - Students - Extra Srvc				
11-000-217-100 Salaries	\$331,853.00	\$126,035.31	\$205,817.29	\$0.40
TOTAL	\$331,853.00	\$126,035.31	\$205,817.29	\$0.40
--- Guidance ---				
11-000-218-104 Salaries Other Prof. Staff	\$708,183.00	\$317,788.02	\$390,393.90	\$1.08
11-000-218-105 Sal Secr. & Clerical Asst.	\$97,227.00	\$60,416.48	\$36,810.00	\$0.52
11-000-218-500 Other Purchased Services (400-500 series)	\$2,806.00	.00	.00	\$2,806.00
11-000-218-600 Supplies and Materials	\$14,500.00	\$8,218.35	\$3,667.12	\$2,614.53
11-000-218-800 Other Objects	\$9,780.00	\$6,091.04	\$680.00	\$3,008.96

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

4

	Appropriations	Expenditures	Encumbrances	Available Balance
TOTAL	\$832,496.00	\$392,513.89	\$431,551.02	\$8,431.09
--- Child Study Teams ---				
11-000-219-104 Salaries Other Prof. Staff	\$852,720.00	\$374,602.50	\$478,117.04	\$0.46
11-000-219-105 Sal. Sec. & Clerical Asst.	\$104,392.00	\$50,411.03	\$53,980.89	\$0.08
11-000-219-600 Supplies and Materials	\$8,280.00	\$4,485.00	\$1,857.68	\$1,937.32
TOTAL	\$965,392.00	\$429,498.53	\$533,955.61	\$1,937.86
--- Improv. of instr. Serv. ---				
11-000-221-102 Salaries Superv. of Instr.	\$621,623.00	\$321,909.52	\$299,713.28	\$0.20
11-000-221-104 Salaries Other Prof. Staff	\$88,869.00	\$54,868.34	\$7,500.00	\$26,500.66
11-000-221-320 Purchased Prof. - Ed. Services	\$2,500.00	\$2,500.00	.00	.00
11-000-221-500 Other Purchased Services (400-500 series)	\$12,000.00	\$476.39	\$1,000.00	\$10,523.61
11-000-221-600 Supplies and Materials	\$1,500.00	\$168.05	.00	\$1,331.95
11-000-221-800 Other Objects	\$20,106.00	\$8,182.00	\$59.00	\$11,865.00
TOTAL	\$746,598.00	\$388,104.30	\$308,272.28	\$50,221.42
--- Educational media serv./sch.library ---				
11-000-222-100 Salaries	\$207,944.00	\$83,177.20	\$124,765.80	\$1.00
11-000-222-600 Supplies and Materials	\$40,954.00	\$23,348.90	\$11,355.48	\$6,249.62
11-000-222-800 Other Objects	\$850.00	.00	.00	\$850.00
TOTAL	\$249,748.00	\$106,526.10	\$136,121.28	\$7,100.62
--- Instructional Staff Training Services ---				
11-000-223-320 Purchased Prof. - Ed. Services	\$10,000.00	\$117.00	.00	\$9,883.00
11-000-223-500 Other Purchased Services (400-500 series)	\$23,495.53	\$4,918.82	\$1,639.34	\$16,937.37
11-000-223-600 Supplies and Materials	\$2,910.00	\$2,910.00	.00	.00
11-000-223-800 Other Objects	\$5,199.00	\$488.50	\$572.00	\$4,138.50
TOTAL	\$41,604.53	\$8,434.32	\$2,211.34	\$30,958.87
--- Support services-general administration ---				
11-000-230-100 Salaries	\$412,785.00	\$207,865.23	\$204,916.32	\$3.45
11-000-230-331 Legal Services	\$77,965.00	\$8,521.00	\$63,444.00	\$6,000.00
11-000-230-332 Audit Fees	\$40,500.00	.00	\$40,100.00	\$400.00
11-000-230-339 Other Purchased Prof. Svc.	\$26,790.00	\$11,621.15	\$15,168.85	.00
11-000-230-340 Purchased Tech. Services	\$8,800.00	.00	\$8,800.00	.00
11-000-230-530 Communications/Telephone	\$3,820.09	.00	\$1,520.09	\$2,300.00
11-000-230-580 Travel - All Other	\$3,156.21	.00	\$1,156.21	\$2,000.00
11-000-230-585 BOE Other Purchased Prof. Svc.	\$5,350.00	\$2,736.00	\$2,614.00	.00
11-000-230-590 Misc Purchased Services (400-500)	\$242,210.00	\$232,108.00	\$9,420.00	\$682.00
11-000-230-610 General Supplies	\$5,757.00	\$4,618.24	\$124.39	\$1,014.37
11-000-230-820 Judgments Against. School District.	\$8,000.00	\$3,950.00	.00	\$4,050.00
11-000-230-890 Misc. Expenditures	\$4,890.24	\$4,563.00	\$327.24	.00
11-000-230-895 BOE Membership Dues and Fees	\$19,300.00	\$18,835.37	\$295.05	\$169.58
TOTAL	\$859,323.54	\$494,817.99	\$347,886.15	\$16,619.40
--- Support services-school administration ---				
11-000-240-103 Salaries Princ./Asst. Princ.	\$734,714.00	\$415,749.48	\$318,964.14	\$0.38

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

4

	Appropriations	Expenditures	Encumbrances	Available Balance
11-000-240-104 Salaries Other Prof. Staff	\$140,553.00	\$71,451.50	\$65,048.50	\$4,053.00
11-000-240-105 Sal Secr. & Clerical Asst.	\$495,614.00	\$231,001.25	\$264,611.84	\$0.91
11-000-240-199 Unused Vac Payment to Term/Ret Staff	\$44,292.61	\$44,292.61	.00	.00
11-000-240-500 Other Purchased Services (400-500 series)	\$28,493.75	\$11,362.24	\$6,906.86	\$10,224.65
11-000-240-600 Supplies and Materials	\$38,782.76	\$26,449.51	\$6,274.38	\$6,058.87
11-000-240-800 Other Objects	\$15,832.73	\$6,834.10	\$148.00	\$8,850.63
TOTAL	\$1,498,282.85	\$807,140.69	\$661,953.72	\$29,188.44
--- Central Services ---				
11-000-251-100 Salaries	\$391,414.00	\$214,914.51	\$176,497.41	\$2.08
11-000-251-199 Unused Vac Payment to Term/Ret Staff	\$29,440.48	\$26,239.54	\$3,200.00	\$0.94
11-000-251-592 Misc Pur Serv (400-500 series)	\$17,157.00	\$6,949.00	\$6,612.88	\$3,595.12
11-000-251-600 Supplies and Materials	\$3,804.00	\$547.04	\$2,056.86	\$1,200.10
11-000-251-89X Other Objects	\$6,033.34	\$1,673.61	\$2,738.73	\$1,621.00
TOTAL	\$447,848.82	\$250,323.70	\$191,105.88	\$6,419.24
--- Admin. Info. Technology ---				
11-000-252-100 Salaries	\$150,730.00	\$74,839.92	\$74,839.92	\$1,050.16
11-000-252-340 Purchased Technical Services	\$29,477.00	\$24,657.80	\$1,903.20	\$2,916.00
11-000-252-500 Other Pur Serv. (400-500 series)	\$36,047.91	\$22,555.53	\$11,752.38	\$1,740.00
11-000-252-600 Supplies and Materials	\$3,300.00	\$125.61	.00	\$3,174.39
11-000-252-800 Other Objects	\$1,695.00	\$695.00	.00	\$1,000.00
TOTAL	\$221,249.91	\$122,873.86	\$88,495.50	\$9,880.55
TOTAL Cent. Svcs. & Admin IT	\$669,098.73	\$373,197.56	\$279,601.38	\$16,299.79
--- Required Maint. for School Facilities ---				
11-000-261-100 Salaries	\$272,194.67	\$135,266.41	\$130,926.66	\$6,001.60
11-000-261-420 Cleaning, Repair & Maint. Svc	\$547,699.17	\$290,861.91	\$216,014.30	\$40,822.96
11-000-261-610 General Supplies	\$85,718.00	\$25,809.99	\$22,851.88	\$37,056.13
11-000-261-800 Other Objects	\$6,500.00	\$1,210.00	\$5,200.00	\$90.00
TOTAL	\$912,111.84	\$453,148.31	\$374,992.84	\$83,970.69
--- Custodial Services ---				
11-000-262-1XX Salaries	\$1,175,909.00	\$603,251.31	\$570,661.35	\$1,996.34
11-000-262-199 Unused Vac Payment to Term/Ret Staff	\$1,832.19	\$1,832.19	.00	.00
11-000-262-420 Cleaning, Repair & Maint. Svc.	\$140,000.00	\$52,294.01	\$50,000.00	\$37,705.99
11-000-262-441 Rental of Land & Bldgs Other Than Lease	\$355,000.00	\$332,500.00	\$22,500.00	.00
11-000-262-444 Lease Purch Paymts - Energy Saving	\$165,180.00	\$82,567.10	\$82,612.04	\$0.86
11-000-262-490 Other Purchased Property Svc.	\$30,000.00	\$7,591.72	\$17,408.28	\$5,000.00
11-000-262-520 Insurance	\$52,744.00	.00	.00	\$52,744.00
11-000-262-610 General Supplies	\$99,908.87	\$49,774.32	\$22,997.04	\$27,137.51
11-000-262-621 Energy (Natural Gas)	\$230,680.00	\$68,669.01	\$162,010.99	.00
11-000-262-622 Energy (Electricity)	\$243,897.00	\$126,687.55	\$117,206.94	\$2.51
11-000-262-8XX Other Objects	\$8,165.00	\$3,145.00	\$4,720.00	\$300.00
TOTAL	\$2,503,316.06	\$1,328,312.21	\$1,050,116.64	\$124,887.21
--- Care and Upkeep of Grounds ---				
11-000-263-100 Salaries	\$94,342.00	\$47,351.94	\$40,932.30	\$6,057.76

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

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	Appropriations	Expenditures	Encumbrances	Available Balance
11-000-263-420 Cleaning, Repair, & Maintenance Serv.	\$122,100.00	\$38,234.17	\$13,362.96	\$70,502.87
11-000-263-580 Travel - All Other	\$48.00	.00	\$47.98	\$0.02
11-000-263-610 General Supplies	\$50,508.69	\$16,033.82	\$7,512.37	\$26,962.50
11-000-263-800 Other Objects	\$3,574.16	\$822.50	\$1,214.16	\$1,537.50
TOTAL	\$270,572.85	\$102,442.43	\$63,069.77	\$105,060.65
--- Security ---				
11-000-266-420 Cleaning, Repair, & Maintenance Serv.	\$4,500.00	.00	.00	\$4,500.00
11-000-266-610 General Supplies	\$7,000.00	.00	.00	\$7,000.00
TOTAL	\$11,500.00	\$0.00	\$0.00	\$11,500.00
TOTAL Oper & Maint of Plant Services	\$3,697,500.75	\$1,883,902.95	\$1,488,179.25	\$325,418.55
--- Student transportation services ---				
11-000-270-420 Cleaning, Repair & Maint. Svc.	\$15,000.00	\$7,512.92	.00	\$7,487.08
11-000-270-503 Contr Svc-Aid in Lieu Paymnts-Non Pub Sch	\$28,465.61	.00	\$28,465.61	.00
11-000-270-511 Contract Svc (btw Home & Sch.)-vendors	\$98,973.00	\$38,448.80	\$57,673.20	\$2,851.00
11-000-270-512 Contract Svc (other btw home & sch)-vndrs	\$263,495.00	\$113,136.59	\$91,631.21	\$58,727.20
11-000-270-514 Contract Svc (Sp Ed.)-vendors	\$30,500.00	.00	.00	\$30,500.00
11-000-270-517 Contract Svc (reg std) - ESCs	\$110,000.00	.00	.00	\$110,000.00
11-000-270-593 Misc. Purchased Svc.- Transp.	\$9,650.00	\$250.00	.00	\$9,400.00
11-000-270-615 Transportation Supplies	\$11,766.48	\$7,766.48	.00	\$4,000.00
11-000-270-800 Misc. Expenditures	\$1,550.00	\$150.00	.00	\$1,400.00
TOTAL	\$569,400.09	\$167,264.79	\$177,770.02	\$224,365.28
--- Personal Services-Employee Benefits---				
11-XXX-XXX-220 Social Security Contributions	\$264,297.00	\$256,074.90	\$7,925.10	\$297.00
11-XXX-XXX-241 Other Retirement Contrb. - PERS	\$639,150.00	.00	\$639,150.00	.00
11-XXX-XXX-249 Other Retirement Contrb. - Regular	\$32,000.00	\$14,710.80	\$17,289.20	.00
11-XXX-XXX-260 Workman's Compensation	\$200,549.00	\$98,944.28	\$101,604.00	\$0.72
11-XXX-XXX-270 Health Benefits	\$5,437,627.00	\$2,380,164.61	\$2,942,847.66	\$114,614.73
11-XXX-XXX-280 Tuition Reimbursement	\$84,188.68	\$18,916.32	\$56,636.36	\$8,636.00
11-XXX-XXX-290 Other Employee Benefits	\$70,000.00	\$64,329.06	.00	\$5,670.94
11-XXX-XXX-299 Unused Sick Payment to Term/Ret Staff	\$88,710.00	\$50,975.00	.00	\$37,735.00
TOTAL	\$6,816,521.68	\$2,884,114.97	\$3,765,452.32	\$166,954.39
--- Food services ---				
11-000-310-93X Transfers to Cover Deficit (Enterprise)	\$41,620.00	\$8,287.10	\$4,372.50	\$28,960.40
TOTAL	\$41,620.00	\$8,287.10	\$4,372.50	\$28,960.40
Total Undistributed Expenditures	\$19,674,752.49	\$8,818,359.53	\$9,483,752.39	\$1,372,640.57
*** TOTAL CURRENT EXPENSE EXPENDITURES ***	\$38,810,812.52	\$16,566,499.61	\$19,281,392.20	\$2,962,920.71
*** TOTAL CURRENT EXPENSE EXPENDITURES & TRANSFERS ***	\$38,810,812.52	\$16,566,499.61	\$19,281,392.20	\$2,962,920.71

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

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	Appropriations	Expenditures	Encumbrances	Available Balance
*** CAPITAL OUTLAY ***				
--- EQUIPMENT ---				
Regular programs-instruction				
12-120-100-730 Grades 1-5	\$45,000.00	\$44,553.00	.00	\$447.00
12-130-100-730 Grades 6-8	\$45,000.00	\$44,025.60	.00	\$974.40
12-140-100-730 Grades 9-12	\$50,562.00	\$50,334.00	.00	\$228.00
Special education - instruction				
12-207-100-730 Auditory Impairments	\$99,170.00	\$49,052.99	\$49,670.00	\$447.01
12-000-261-730 Undist. Exp.-Req. Maint. Schl Facilities	\$11,093.00	\$9,200.47	\$1,891.69	\$0.84
12-000-263-730 Undist. Exp.-Care and Upkeep of Grnds	\$19,976.90	\$19,976.90	.00	.00
Undist. Exp. - Non-instructional Services				
TOTAL	\$270,801.90	\$217,142.96	\$51,561.69	\$2,097.25
--- Facilities acquisition and construction services ---				
12-000-400-334 Architectural/Engineering Services	\$24,008.00	\$5,008.00	\$19,000.00	.00
12-000-400-450 Construction Services	\$790,000.00	\$149,064.82	\$174,231.49	\$466,703.69
12-000-400-896 Assmt for Debt Service on SDA Funding	\$48,298.00	.00	.00	\$48,298.00
Sub Total	\$862,306.00	\$154,072.82	\$193,231.49	\$515,001.69
TOTAL	\$862,306.00	\$154,072.82	\$193,231.49	\$515,001.69
TOTAL CAPITAL OUTLAY EXPENDITURES	\$1,133,107.90	\$371,215.78	\$244,793.18	\$517,098.94
*** SPECIAL SCHOOLS ***				
--- Summer school - Instruction ---				
13-422-100-101 Salaries of Teachers	\$163,002.00	\$163,001.14	\$0.00	\$0.86
13-422-100-106 Other salaries of instruction	\$110,421.00	\$110,420.09	.00	\$0.91
TOTAL	\$273,423.00	\$273,421.23	\$0.00	\$1.77
TOTAL SUMMER SCHOOL	\$273,423.00	\$273,421.23	\$0.00	\$1.77
--- Other special schools - instruction ---				
13-4XX-100-101 Salaries of Teachers	\$204,162.00	\$87,348.69	\$0.00	\$116,813.31
13-4XX-100-610 General supplies	\$46,393.00	\$8,597.85	\$0.00	\$37,795.15
TOTAL	\$250,555.00	\$95,946.54	\$0.00	\$154,608.46
13-4XX-200-500 Other purchased services	\$800.00	\$800.00	\$0.00	\$0.00
TOTAL	\$800.00	\$800.00	\$0.00	\$0.00
TOTAL OTHER SPECIAL SCHOOLS	\$251,355.00	\$96,746.54	\$0.00	\$154,608.46
TOTAL SPECIAL SCHOOLS EXPENDITURES	\$524,778.00	\$370,167.77	\$0.00	\$154,610.23

Mountain Lakes Board of Education
GENERAL FUND - FUND 10
STATEMENT OF APPROPRIATIONS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/2023

4

	Appropriations	Expenditures	Encumbrances	Available Balance
10-000-100-56X Transfer of Funds to Charter Schls.	\$18,000.00	.00	.00	\$18,000.00
TOTAL GENERAL FUND EXPENDITURES	\$40,486,698.42	\$17,307,883.16	\$19,526,185.38	\$3,652,629.88

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REPORT OF THE SECRETARY CERTIFICATION PAGE
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
General Fund - Fund 10

For 6 Month Period Ending 12/31/2023

I, Alex Ferreira, Board Secretary/Business Administrator
certify that no line item account has encumbrances and expenditures,
which in total exceed the line item appropriation in violation of N.J.A.C. 6A:23A-16.10(c)3.



Board Secretary/Business Administrator

2-2-24

Date

1/12 3:03pm

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Special Revenue Fund - Fund 20
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

4

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ASSETS AND RESOURCES

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--- A S S E T S ---

101	Cash in bank		\$87,070.09
	Accounts receivable:		
132	Interfund	\$37,453.03	
140	Intergovernmental - Accts. Recvble.	\$298,990.04	
141	Intergovernmental - State	(\$371,401.85)	
142	Intergovernmental - Federal	\$145,593.23	
153,154	Other (net of estimated uncollectible of \$____)	\$12,538.20	
			\$123,172.65
	Other Current Assets		\$0.00

--- R E S O U R C E S ---

301	Estimated Revenues	\$426,065.00	
302	Less Revenues	(\$97,664.00)	
			\$328,401.00
	Total assets and resources		\$538,643.74

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REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Special Revenue Fund - Fund 20
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

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LIABILITIES AND FUND EQUITY

=====

--- L I A B I L I T I E S ---

411	Intergovernmental accounts payable - State	\$8,056.72
481	Deferred revenues	\$297,722.50
	Other current liabilities	\$27,254.62
TOTAL LIABILITIES		\$333,033.84

FUND BALANCE

--- A p p r o p r i a t e d ---

753	Reserve for encumbrances - Current Year	\$228,909.42
754	Reserve for encumbrances - Prior Year	\$12,404.71
601	Appropriations	\$426,065.00
602	Less: Expenditures	\$232,859.81
603	Encumbrances	\$228,909.42 (\$461,769.23)
		(\$35,704.23)
TOTAL FUND BALANCE		\$205,609.90
TOTAL LIABILITIES AND FUND EQUITY		\$538,643.74

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REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Special Revenue Fund - Fund 20
INTERIM STATEMENTS COMPARING
BUDGET REVENUE WITH ACTUAL TO DATE AND
APPROPRIATIONS WITH EXPENDITURES AND ENCUMBRANCES TO DATE
For 6 Month Period Ending 12/31/23

	BUDGETED ESTIMATED	ACTUAL TO DATE	NOTE: OVER OR (UNDER)	UNREALIZED BALANCE
*** REVENUES/SOURCES OF FUNDS ***				
1XXX From Local Sources	\$73,298.00	\$14,000.00		\$59,298.00
3XXX From State Sources		\$79,270.00		(\$79,270.00)
4XXX From Federal Sources	\$352,767.00	\$4,394.00		\$348,373.00
 TOTAL REVENUE/SOURCES OF FUNDS	 \$426,065.00	 \$97,664.00		 \$328,401.00
	APPROPRIATIONS	EXPENDITURES	ENCUMBRANCES	AVAILABLE BALANCE
*** EXPENDITURES ***				
LOCAL PROJECTS:				
Other Local Projects (001-199)	\$73,298.00	\$51,300.99	\$92,303.13	(\$70,306.12)
 TOTAL LOCAL PROJECTS	 \$73,298.00	 \$51,300.99	 \$92,303.13	 (\$70,306.12)
FEDERAL PROJECTS:				
ESSA Title I - Part A/D (231-239)	\$21,395.00	(\$360.00)	\$1,200.00	\$20,555.00
I.D.E.A. Part B (Handicapped) (250-259)	\$319,580.00	\$107,224.74	\$132,075.26	\$80,280.00
ESSA Title II - Part A/D (270-279)	\$11,792.00	\$3,210.08	\$3,331.03	\$5,250.89
ARP - ESSER Grant Program (487)		\$48,566.00	.00	(\$48,566.00)
ARP - ESSER Accelerated Learning Coaching (488)		\$22,918.00	.00	(\$22,918.00)
 TOTAL FEDERAL PROJECTS	 \$352,767.00	 \$181,558.82	 \$136,606.29	 \$34,601.89
*** TOTAL EXPENDITURES ***	\$426,065.00	\$232,859.81	\$228,909.42	(\$35,704.23)

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
SPECIAL REVENUE - FUND 20
SCHEDULE OF REVENUES
ACTUAL COMPARED WITH ESTIMATED
For 6 Month Period Ending 12/31/23

	ESTIMATED	ACTUAL	UNREALIZED
1XXX Other Revenue from Local Sources	\$73,298.00	\$14,000.00	\$59,298.00
Total Revenues from Local Sources	\$73,298.00	\$14,000.00	\$59,298.00

--- STATE SOURCES ---			
32XX Other Restricted Entitlements	\$0.00	\$79,270.00	(\$79,270.00)
Total Revenue from State Sources	\$0.00	\$79,270.00	(\$79,270.00)

--- FEDERAL SOURCES ---			
4411-16 Title I	\$21,395.00	.00	\$21,395.00
4451-55 Title II	\$11,792.00	\$4,394.00	\$7,398.00
4420-29 I.D.E.A. Part B (Handicapped)	\$319,580.00	.00	\$319,580.00
Total Revenues from Federal Sources	\$352,767.00	\$4,394.00	\$348,373.00
TOTAL REVENUES/SOURCES OF FUNDS	\$426,065.00	\$97,664.00	\$328,401.00

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REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Special Revenue Fund - Fund 20
STATEMENT OF APPROPRIATIONS - RESTRICTED STATE ENTITLEMENTS
COMPARED WITH EXPENDITURES AND ENCUMBRANCES
For 6 Month Period Ending 12/31/23

	Appropriations	Expenditures	Encumbrances	Available Balance
Local Projects:				
20-001-XXX-XXX to 20-199-XXX-XXX Local Projects	\$73,298.00	\$51,300.99	\$92,303.13	(\$70,306.12)
TOTAL LOCAL PROJECTS	\$73,298.00	\$51,300.99	\$92,303.13	(\$70,306.12)
State Projects:				
Federal Projects:				
--- CARES Act Educational Stabilization Fund ---				
--- Bridging the Digital Divide Program				
--- Coronavirus Relief Grant Program ---				
--- Other Federal Programs ---				
20-231 to 20-239-XXX-XXX ESSA Title I - Part A/D	\$21,395.00	(\$360.00)	\$1,200.00	\$20,555.00
20-25X-XXX-XXX I.D.E.A. Part B	\$319,580.00	\$107,224.74	\$132,075.26	\$80,280.00
20-27X-XXX-XXX ESSA Title II - Part A/D	\$11,792.00	\$3,210.08	\$3,331.03	\$5,250.89
20-487-XXX-XXX ARP-ESSER Grant Program		\$48,566.00	.00	(\$48,566.00)
20-488-XXX-XXX ARP-ESSER Accelerated Learning Coaching		\$22,918.00	.00	(\$22,918.00)
TOTAL Other Federal Programs	\$352,767.00	\$181,558.82	\$136,606.29	\$34,601.89
TOTAL FEDERAL PROJECTS	\$352,767.00	\$181,558.82	\$136,606.29	\$34,601.89
TOTAL EXPENDITURES	\$426,065.00	\$232,859.81	\$228,909.42	(\$35,704.23)

REPORT OF THE SECRETARY CERTIFICATION PAGE
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

Special Revenue Fund - Fund 20
For 6 Month Period Ending 12/31/23

I, Alex Ferreira, Board Secretary/Business Administrator
certify that no line item account has encumbrances and expenditures,
which in total exceed the line item appropriation in violation of N.J.A.C. 6A:23A-16.10(c)3.


Board Secretary/Business Administrator

2.2.24
Date

1/12 3:03pm

Page 1

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REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Capital Projects Fund - Fund 30
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

=====

ASSETS AND RESOURCES

=====

--- A S S E T S ---

101	Cash in bank	\$633,359.10
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--- R E S O U R C E S ---

Total assets and resources

\$633,359.10
=====

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

Capital Projects Fund - Fund 30
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

=====

LIABILITIES AND FUND EQUITY

=====

--- LIABILITIES ---

Other current liabilities	\$258,156.10
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TOTAL LIABILITIES	\$258,156.10
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=====

FUND BALANCE

--- Appropriated ---

753	Reserve for encumbrances - Current Year	\$18,750.00
754	Reserve for encumbrances - Prior Year	\$2,228.19
601	Appropriations	\$19,259.44
603	Encumbrances	\$20,978.19 (\$20,978.19)
		(\$1,718.75)
	Total Appropriated	\$19,259.44

--- Unappropriated ---

770	Fund balance	\$355,943.56
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TOTAL FUND BALANCE	\$375,203.00
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TOTAL LIABILITIES AND FUND EQUITY	\$633,359.10
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	BUDGETED	ACTUAL TO	NOTE: OVER	UNREALIZED
	ESTIMATED	DATE	OR (UNDER)	BALANCE
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
*** REVENUES/SOURCES OF FUNDS ***				
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
*** EXPENDITURES ***	APPROPRIATIONS	EXPENDITURES	ENCUMBRANCES	AVAILABLE BALANCE
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
-- Facilities acquisition and constr. serv. --				
30-000-4XX-334 Architectural/Engineering Services			\$18,750.00	(\$18,750.00)
30-000-4XX-390 Other purchased prof. & tech. serv.	\$1,888.19	.00	\$1,888.19	.00
30-000-4XX-450 Construction services	\$17,371.25	.00	\$340.00	\$17,031.25
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total fac.acq.and constr. serv.	\$19,259.44	\$0.00	\$20,978.19	(\$1,718.75)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTAL EXPENDITURES	\$19,259.44	\$0.00	\$20,978.19	(\$1,718.75)
*** TOTAL EXPENDITURES AND TRANSFERS	\$19,259.44	\$0.00	\$20,978.19	(\$1,718.75)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

REPORT OF THE SECRETARY CERTIFICATION PAGE
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

Capital Projects Fund - Fund 30
For 6 Month Period Ending 12/31/23

I, Alex Ferreira Board Secretary/Business Administrator
certify that no line item account has encumbrances and expenditures,
which in total exceed the line item appropriation in violation of N.J.A.C. 6A:23A-16.10(c)3.


Board Secretary/Business Administrator

2.2.24
Date

1/12 3:04pm

Page 1

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Debt Service Fund - Fund 40
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

4

=====

ASSETS AND RESOURCES

=====

--- A S S E T S ---

101	Cash in bank	(\$467,329.01)
121	Tax levy receivable	\$826,927.10

--- R E S O U R C E S ---

302	Less Revenues	(\$1,770,829.00)
		<hr/>
		(\$1,770,829.00)
		<hr/>
	Total assets and resources	(\$1,411,230.91)
		=====

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

Debt Service Fund - Fund 40
Interim Balance Sheet
For 6 Month Period Ending 12/31/23

=====

LIABILITIES AND FUND EQUITY

=====

--- LIABILITIES ---

Other current liabilities \$140,041.17

TOTAL LIABILITIES \$140,041.17

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FUND BALANCE

--- Appropriated ---

Reserved fund balance:

601	Appropriations	\$1,788,743.76	
602	Less : Expenditures	\$1,551,184.38	
		(\$1,551,184.38)	
		<u>\$237,559.38</u>	

Total Appropriated \$237,559.38

--- Unappropriated ---

770	Fund Balance	(\$87.70)	
303	Budgeted Fund Balance	(\$1,788,743.76)	

TOTAL FUND BALANCE (\$1,551,272.08)

TOTAL LIABILITIES AND FUND EQUITY (\$1,411,230.91)

=====

RECAPITULATION OF FUND BALANCE:

	Budgeted	Actual	Variance
Appropriations	\$1,788,743.76	\$1,551,184.38	\$237,559.38
Revenues	\$0.00	(\$1,770,829.00)	\$1,770,829.00
	<u>\$1,788,743.76</u>	<u>(\$219,644.62)</u>	<u>\$2,008,388.38</u>
--- Change in Maint. / Capital reserve account ---			
Subtotal	\$1,788,743.76	(\$219,644.62)	\$2,008,388.38
Less: Adjust for prior year encumb.	\$0.00	\$0.00	
	<u>\$1,788,743.76</u>	<u>(\$219,644.62)</u>	<u>\$2,008,388.38</u>
Budgeted Fund Balance	\$1,788,743.76	(\$219,644.62)	\$2,008,388.38

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

4

Debt Service Fund - Fund 40
INTERIM STATEMENTS COMPARING
BUDGET REVENUE WITH ACTUAL TO DATE AND
APPROPRIATIONS WITH EXPENDITURES AND ENCUMBRANCES TO DATE
For 6 Month Period Ending 12/31/23

	BUDGETED ESTIMATED	ACTUAL TO DATE	NOTE: OVER OR (UNDER)	UNREALIZED BALANCE
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
*** REVENUES/SOURCES OF FUNDS ***				
--- Local Sources ---				
1210 Local tax levy		\$1,653,853.00		(\$1,653,853.00)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Local Sources	\$0.00	\$1,653,853.00		(\$1,653,853.00)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
--- State Sources ---				
3160 Debt service aid Type II		\$116,976.00		(\$116,976.00)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total State Sources	\$0.00	\$116,976.00		(\$116,976.00)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTAL REVENUE/SOURCES OF FUNDS	\$0.00	\$1,770,829.00		(\$1,770,829.00)
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

REPORT OF THE SECRETARY
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education

4

Debt Service Fund - Fund 40
INTERIM STATEMENTS COMPARING
BUDGET REVENUE WITH ACTUAL TO DATE AND
APPROPRIATIONS WITH EXPENDITURES AND ENCUMBRANCES TO DATE
For 6 Month Period Ending 12/31/23

*** EXPENDITURES ***	APPROPRIATIONS	EXPENDITURES/Enc.	AVAILABLE BALANCE
	<u> </u>	<u> </u>	<u> </u>
--- Debt Service - Regular ---			
40-701-510-834 Interest on Bonds	\$488,743.76	\$251,184.38	\$237,559.38
40-701-510-910 Redemption of Principal	\$1,300,000.00	\$1,300,000.00	.00
	<u> </u>	<u> </u>	<u> </u>
TOTAL	\$1,788,743.76	\$1,551,184.38	\$237,559.38
	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>
TOTAL USES OF FUNDS BEFORE TRANSFERS	\$1,788,743.76	\$1,551,184.38	\$237,559.38
	<u> </u>	<u> </u>	<u> </u>
*** TOTAL USES OF FUNDS ***	\$1,788,743.76	\$1,551,184.38	\$237,559.38
	<u> </u>	<u> </u>	<u> </u>

REPORT OF THE SECRETARY CERTIFICATION PAGE
TO THE BOARD OF EDUCATION
Mountain Lakes Board of Education
Debt Service Fund - Fund 40

4

For 6 Month Period Ending 12/31/23

I, Alex Fernein, Board Secretary/Business Administrator
certify that no line item account has encumbrances and expenditures,
which in total exceed the line item appropriation in violation of N.J.A.C. 6A:23A-16.10(c)3.


Board Secretary/Administrator

2-2-24
Date

SUMMARY

An enthusiastic and motivated individual who is extremely adamant about pursuing a career to enrich herself and others by helping to further her knowledge, skills, and experience with each employment opportunity. Has strong communication skills, adaptability, and teamwork abilities, as well as a hard work ethic.

EDUCATION

Fairleigh Dickinson University | Madison, NJ

Bachelor of Arts in Criminology, minor in Forensic Science

May 2019

- Relevant Coursework: Introduction to Sociology, General Psychology, Theories of Personality, Civil Rights and Civil Liberties

Fairleigh Dickinson University | Madison, NJ

American Bar Association Approved Paralegal Certification

September 2020

- Relevant Coursework: Criminal Law, Civil Litigation, Real Estate Law, Torts, Corporate Law, Family Law, Estates, Trusts, and Wills, Legal Research and Writing, Ethics

County College of Morris | Randolph, NJ

Associate's Degree in Liberal Arts

May 2017

- Specialized in Musical Theatre, singing, and acting

SKILLS

- Experience in a school setting with staff and students
- Friendly and positive attitude
- Reliable and responsible
- Punctual and organized
- Able to work in a team or individual settings
- Strong communication skills
- Has had numerous experience with Microsoft Office, Google, and other computer programs and is proficient with different technological instruments and is learning new programs (also able to teach others said programs)
- Able to adapt to different environments or situations
- Has experience in Musical Theatre, both in production and backstage
- Exceptional customer service skills
- Has cared for children/has been a child caretaker

WORK HISTORY

Verona Public Schools, Verona, NJ

Administrative Assistant to the Principal/Secretary

August 2022 – Present

- Provides strong support to the principal as the only administrative assistant in the building, as well as an active secretary in a fast-paced school environment.

- Works one on one with the principal regarding setting up appointments, contacting parents, organizing calendars, filing, and other tasks as needed.
- Is extremely proficient in Google and Microsoft Office. Currently works with the Genesis/SchoolFi system to keep track of students attendance and information. Excels in working with new systems and is always eager to learn how to streamline workflow.
- Is responsible for making sure everything is double checked before being distributed and/or approved. Some examples of paperwork involvement include: 504 documents, I&RS filing, and creating schedules (both for staff and principal).
- Is very involved with parent interaction such as emails and phone calls, which is included with day-to-day events such as parent volunteers and email reminders.
- Is responsible for payroll invoices and purchase orders from staff prior to principal approval.
- Also supports staff and teachers with various tasks to make sure the work day runs smoothly.
- Is also responsible for creating and editing forms for staff and/or parents.
- Has a wonderful relationship with all parties, and also is praised for positive interactions with staff, parents and students.
- Communicates well with others on a daily basis and keeps an organized plan of each new day of the school year.

M&B IP Analysts LLC, Bernardsville, NJ

Patent Paralegal and Office Assistant

March 2021 – August 2022

- Provides strong support to Attorneys and Agents in a friendly and professional manner with documentation, organization, daily tasks, calendar dates with deadlines, and applications.
- Is solely responsible for filing all applications with the United States Patent and Trademark Office.
- Works well in a high-paced, ever-changing environment with a positive attitude and excels in making sure every task is completed once it is started.
- Proficient with various different Microsoft Office programs such as Word, PowerPoint, Excel, etc. in order to organize, file, and keep up with day-to-day tasks.
- Has taken various courses and participated in webinars to further educate herself to improve in working with all branches of Intellectual Property and is always eager and open to learning new ideas and how to problem-solve various situations.

Morris County Prosecutor, Morristown, NJ

Pre-Trial Services Unit, Expungements, and Records

September 2019 – March 2021

- Pre-Trial Services: Provided service to this specific unit within the office, as well as caters to the entirety of the office.
 - o Worked closely one on one with detectives and prosecutors to effectively investigate cases and kept an organized way of documenting new cases and making sure everything is accurately documented.
 - o Assisted in documentation such as remands, fingerprinting lists, COVID-19 related cases. Composed municipal notifications for new cases, which assisted the detectives and prosecutors assigned to the case. Created files for new and existing citizen's complaints for review.
- Expungements:
 - o Managed documents and kept an organized log for expungements such as hearing dates, letters of petition, and final orders.
 - o Worked through various databases to execute final orders for expungements.
- Records:
 - o Database editing, document scanning, reception of records, management of records, transport, and quality control.

- Multitasked between all roles in a timely, professional manner.
- Works well with others within the office with other tasks such as reading transcripts and overlooking documents for proofreading.

Caretaker, New Providence and Bridgewater, NJ

Babysitter and Petsitter

August 2017 – Present

- Provided child care such as picking the kids up from school, helping with homework.
- Helped to establish an excellent and meaningful relationship with the kids.
- Has worked with various animals while owners are away to make sure they are taken care of.
- Develops relationships with the owner(s) and pet(s) in order to feel comfortable and safe.

Pier 1 Imports, East Hanover, NJ

Sales Associate

November 2016 – September 2019

- Provided a strong customer service attitude and friendly, positive service to customers.
- Has been awarded “Associate of the Quarter” twice for excellent customer service.
- Organized stock on the sales floor, as well as move large furniture and items over 50lbs.
- Helped to create a teamwork environment with other staff.
- Able to be flexible with work hours when situations arise.

Summit Dog and Cat Hospital, Summit, NJ

Receptionist

April 2017 – October 2017

- Provided office support by answering phones, opening/sending mail and greeting visitors.
- Organized schedules for staff, managed appointments, handled different payment methods.
- Able to gain computer skills and knowledge.

Choice Pet, New Providence, NJ

Sales Associate

October 2015 – November 2016

- Provided strong customer service and knowledge about the products being sold.
- Helped to provide information and help involving selling certain brands.
- Helped to open and close the store registers, as well as handle money.
- Able to work alone or in a group setting depending on availability.

OGCMA: Riptide Camp Counselor, Ocean Grove, NJ

Summer Camp Counselor

Summers 2014, 2015, 2016, 2017

- Provided a positive, fun, safe and inclusive environment for campers ages 8 – 11.
- Collaborated with other counselors to provide group activities.
- Communicated with parents to give feedback on camper behavior and progress.
- Worked with children with different backgrounds and disabilities.

INTERNSHIPS

Morris County Prosecutor, Morristown, NJ

Sex Crimes/Child Endangerment Unit and Megan's Law Unit

Spring 2019

- Assisted detectives and prosecutors with day to day tasks.
- Office support such as organizing paperwork, filing, and scanning.
- Worked on case-related documents (close-out reports, transcripts etc).
- Able to multitask on different occasions and work under pressure.

Peter Urbanek

Career Objective:

- ❖ Work as a teacher's aide at school for the Deaf

Work Experience:

- ❖ **United Parcel Service – 799 Jefferson Rd., Parsippany, NJ 07054**
September 2005 to Present
 - Package handler – Shipment Department
- ❖ **Hope Through Care, Inc. - 89 First St., Clifton, NJ 07011**
May 2008 to Present
 - Youth activities coordinator – plans, executes and supervises children's activities
 - Clerical Assistance
 - Transportation
 - Maintenance
- ❖ **MTV Networks - 1515 Broadway, New York, NY 10036**
September 2004 – December 2004
Internship – Art and Graphics Department
 - Assisted in design of print media for cable television network
 - Designed magazine pages, business cards, invitations, poster signs
 - Responsible for end-to-end design and production process
 - Design for MTV Video Awards

Additional Experience:

- **Caregiver for Deaf Child** – 2002-2009-Kinnelon, NJ
- **Sign Language Instructor** – 2002 – Mountain Lakes YMCA – Mountain Lakes, NJ
- **Gov. Livingston High School** - Designed School Plays decorations and Fashion Show
- **Lake Drive School for the Deaf** - Yearbooks, Banners, Paintings

Awards and Honors:

- Received various school art awards

Education and Certification:**Bergen County Community College – Computer Graphics 1999-2004**

- Computer Layout 1
- Computer Layout 2
- Letterform and Type
- Computer Imaging
- Computer 3Ddimension
- Photography 1
- 2 Dimension Design
- Intro Computer
- Drawing
- QuarkXPress and Photography
(33 Credits)

CUNY 2007

- Reading and English Comprehension

County Community College of Morris 2008

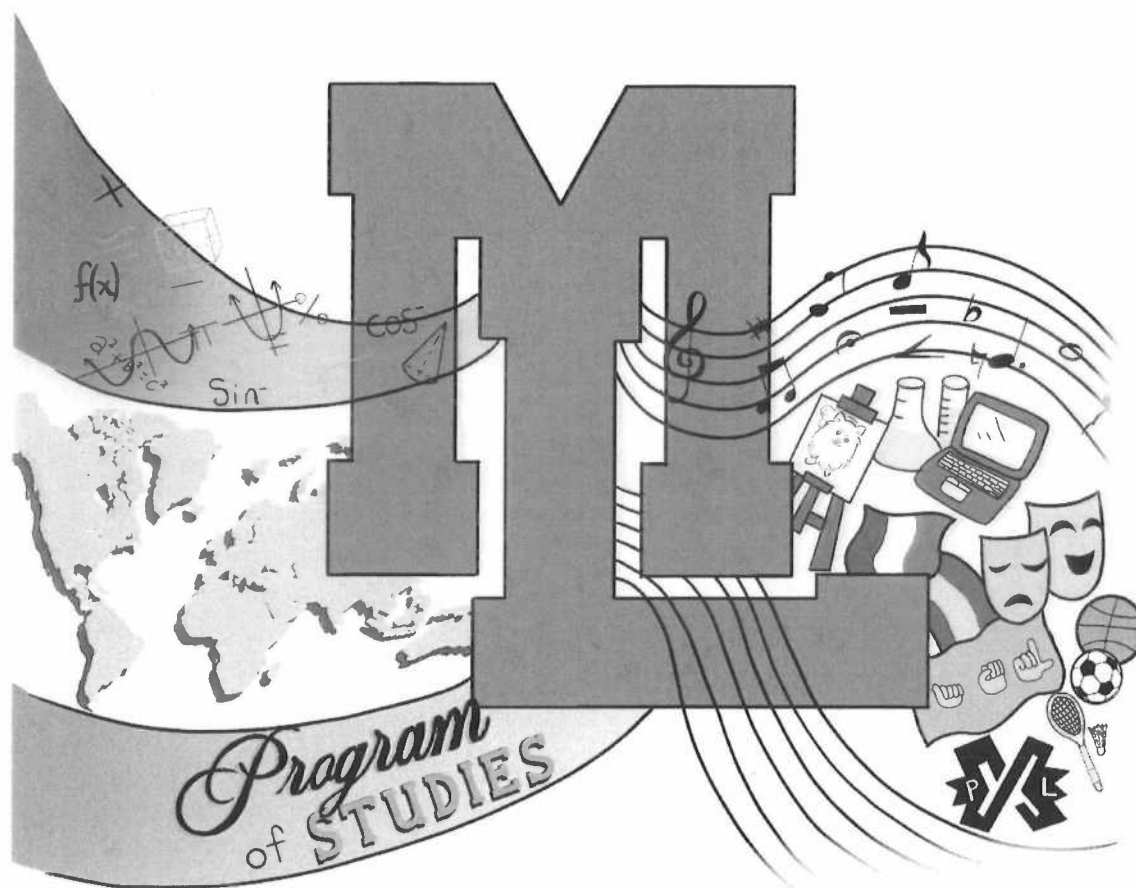
- Microsoft Excel
- Microsoft Access

MLHS – Spring Sports Coaches 2023-2024 School Year

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Name	Action	Position	Location	Degree/Step	Rate of Pay	Start Date	Term Date
Doniloski, Jason	Appointment	Baseball - Head Coach	MLHS	4	\$7,806	3/1/24	6/15/24
Gleeson, Bill	Appointment	Baseball - Assistant Coach	MLHS	4	\$5,472	3/1/24	6/15/24
Concepcion, Angel	Appointment	Baseball - Assistant Coach	MLHS	4	\$5,472	3/1/24	6/15/24
Fusco, Darrell	Appointment	Golf Boys - Head Coach	MLHS	4	\$6,405	3/1/24	6/15/24
Fiorina, Teresa	Appointment	Golf Girls - Head Coach	MLHS	2	\$4,825	3/1/24	6/15/24
Flynn, Tim (OD)	Appointment	Lacrosse Boys - Head Coach	MLHS	4	\$9,008	3/1/24	6/15/24
Walters, Mark	Appointment	Lacrosse Boys - Assistant Coach	MLHS	4	\$6,404	3/1/24	6/15/24
McDonough, Clint (OD)	Appointment	Lacrosse Boys - Assistant Coach	MLHS	4	\$6,404	3/1/24	6/15/24
Lane, Nick (OD)	Appointment	Lacrosse Boys - Assistant Coach	MLHS	4	\$6,404	3/1/24	6/15/24
Sebesto, Alyssa (OD)	Appointment	Lacrosse Girls - Head Coach	MLHS	3	\$8,521	3/1/24	6/15/24
Reid, Jen (OD)	Appointment	Lacrosse Girls - Assistant Coach	MLHS	4	\$6,404	3/1/24	6/15/24
Austin, Norah (OD)	Appointment	Lacrosse Girls - Assistant Coach	MLHS	4	\$6,404	3/1/24	6/15/24
Preston, Alison	Appointment	Softball - Head Coach	MLHS	4	\$7,806	3/1/24	6/15/24
Banks, Kate	Appointment	Softball - Assistant Coach	MLHS	4	\$5,472	3/1/24	6/15/24
Suarez, Jennifer	Appointment	Softball - Assistant Coach	MLHS	4	\$5,472	3/1/24	6/15/24
Price, Ryan	Appointment	Tennis Boys - Head Coach	MLHS	4	\$7,204	3/1/24	6/15/24
Maurizi, Sean	Appointment	Tennis Boys - Assistant Coach	MLHS	4	\$4,960	3/1/24	6/15/24
Misko, Rebecca	Appointment	Track - Head Coach Boys	MLHS	4	\$7,806	3/1/24	6/15/24
Casulli, Keri	Appointment	Track - Head Coach Girls	MLHS	4	\$7,806	3/1/24	6/15/24
Stolarczuk, Kayla	Appointment	Track - Assistant Coach	MLHS	3	\$4,358	3/1/24	6/15/24
Koeber, Natalie (OD)	Appointment	Track - Assistant Coach	MLHS	2	\$3,912	3/1/24	6/15/24
Kashulines, Peter (OD)	Appointment	Track - Assistant Coach	MLHS	4	\$5,472	3/1/24	6/15/24
Stanzione, Matt (OD)	Appointment	Weight Room-Spring	MLHS	N/A	\$3,096	3/1/24	6/15/24

Mountain Lakes High School



Program of Studies 2024 - 2025

BOARD OF EDUCATION

Mrs. Joanne Barkauskas
 Mr. Tom Chiang, Jr.
 Dr. Aruni Don
 Mrs. Sara Forman
 Dr. James Hirschfeld
 Ms. Meghan Leininger
 Mrs. Jennifer Parker
 Dr. Lauren Silva McIntyre
 Mrs. Erinn Tucker
 Mrs. Leigh Hermey

CENTRAL OFFICE ADMINISTRATION

Mr. Michael Fetherman - Superintendent of Schools
 Ms. Ivonne Ciresi - Assistant Superintendent of Schools
 Mr. Alex Ferreira - Business Administrator/Board Secretary

HIGH SCHOOL ADMINISTRATION

Mr. Richard Mangili, Principal
 Mrs. Lisa Cortese, Assistant Principal

DEPARTMENT ADMINISTRATION

English & Fine Arts
 Mathematics, Business, & Computer Science
 Science, Family & Consumer Science
 Social Studies & World Language
 Special Services

Mr. Paul Henry
 Ms. Trina Moschella
 Mrs. Lisa Cortese
 Mr. Darrell Fusco
 Mrs. Kerry DiGiacinto

DEPARTMENT OF SCHOOL COUNSELING

Mr. Raymond Searles, Jr., Director
 Mrs. Zorica Alcott, Administrative Assistant
 Ms. Alyssa DeTrollo, Student Assistance Counselor
 Mrs. Maria Lindsay, Counselor
 Mrs. Lauren Macko, Counselor
 Mrs. Cara Pelchat, Counselor
 Mrs. Betsy Sullivan, Counselor

Mountain Lakes High School
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Mountain Lakes, NJ 07046
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CEEB Code: 310855

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INTRODUCTION TO THE PROGRAM OF STUDIES

Dear MLHS Students and Parents,

Mountain Lakes High School offers a superior education that focuses on academic rigor, social/emotional growth and college and career readiness. An outstanding and dedicated staff, expansive course offerings, and vibrant co-curricular opportunities provide the framework for every student to thrive and to reach their potential. The development and maintenance of our instructional program drives our decision-making and fosters a highly academic environment that permeates our school. Our Program of Studies is designed to stimulate the intellectual growth and curiosity of our students while preparing our young learners for success in their post-high school endeavors.

While partnering with the Mountain Lakes Community, our continued mission is to develop in each student a love for lifelong learning, self-confidence, ethical values and the technological skills to adapt to the challenges in our ever-changing world.

Together, we will continue to prepare our students to meet the needs of the increasingly complex challenges of the 21st century.

Go Lakers !

Sincerely,

Richard Mangili
Principal
Mountain Lakes High School

MISSION STATEMENT

The Mountain Lakes Public Schools will ensure that all students demonstrate mastery of defined skills and knowledge that will empower them to be productive, responsible, self-directed citizens of the global community. Our district promotes safe and supportive learning environments that challenge and inspire students while cultivating their intellectual curiosity. We are committed to providing adequate resources to maintain the successful educational partnership that exists among staff, family, and community.

Our schools foster the emotional, social, and physical development of our students. A dynamic and continuously evolving curriculum addresses academic preparation and personal resiliency that includes the life-long learning skills of self-awareness, self-direction, and perspective consciousness. Achieving our mission should enable each student to actualize his or her unique potential and to excel in any endeavor he or she undertakes.

BELIEF STATEMENTS

1. Every member of the Mountain Lakes educational community possesses inherent worth; accordingly, mutual respect guides all personal interactions.
2. The ultimate goal of the educational system is to help students achieve their full potential and prepare them to function as mature, self-reliant members of society.
3. Students who so choose should be prepared to enter the college of their choice and succeed there having acquired the requisite literacies and critical thinking skills sought by selective colleges and universities.
4. Students should strive for excellence in all endeavors, but recognize that there are multiple paths to success.
5. Students should practice ethical behavior and integrity in all aspects of their lives.
6. Resources should be provided to teachers to facilitate instruction that meets and exceeds the requirements of the New Jersey Core Curriculum Content Standards, addresses 21st Century Learning Skills, and includes collaborative planning and training opportunities.

NON-DISCRIMINATION POLICY

It is the policy of the Mountain Lakes School District to guarantee equal education opportunity to each child in the public schools. Equal education opportunity refers to all activities and programs conducted or sponsored by the school day or after regular school hours. The district guarantees to all persons equal access to all facilities and all categories of employment in the district regardless of race, creed, religion, sex, ancestry, age, national origin or social or economic status.

GRADUATION REQUIREMENTS CHART

Students must earn a minimum of 122.5 credits in order to graduate. Students must also take a minimum equivalent of five full year courses plus Physical Education and Health or Driver Education each year. The following **minimum credits** must be completed by the end of the senior year.

Subject	Requirement
English	20 credits <ul style="list-style-type: none"> 5 credits for each year of enrollment, 9-12
Mathematics	A minimum of 15 credits <ul style="list-style-type: none"> 5 credits of Algebra 1 (may be completed in Middle School) 5 credits of Geometry (may be completed in Middle School) 5 credits of Algebra 2
Social Studies	A minimum of 15 credits <ul style="list-style-type: none"> 5 credits of World Cultures/History 10 credits of U.S. History
Science	A minimum of 15 credits <ul style="list-style-type: none"> 5 credits of Biology 10 credits of additional lab science
World Language	A minimum of 5 credits
Visual or Performing Arts	A minimum of 5 credits
21st Century Life & Careers	A minimum of 5 credits
Financial Literacy	A minimum of 2.5 credits
Health & Physical Education	1.25 credit of Health for each year of enrollment 3.75 credits of Physical Ed. for each year of enrollment
Additional Requirements	Satisfactory Completion of NJ Testing Requirement CPR Certification Program

NEW JERSEY INTERSCHOLASTIC ATHLETIC ASSOCIATION (NCAA) ATHLETIC ELIGIBILITY REQUIREMENTS

The NCAA adheres to strict eligibility requirements for any student who plans to compete at the college level in a Division I or Division II athletics program. College-bound athletes need to be sure they have the number and type of courses required to meet NCAA eligibility requirements. Students should check with their school counselors for NCAA information and visit www.eligibilitycenter.org for specific guidelines. Courses in the Program of Studies that are coded with the NCAA have met the requirements for Core Courses as set forth by the NCAA and submitted by MLHS. All potential college athletes are urged to complete the NCAA Clearinghouse registration at the beginning of junior year.

STANDARDIZED TESTING GRADUATION REQUIREMENTS

New Jersey High School Graduation Assessment Requirements

Updated May 2023

Class of 2025

Pathway 1:

Students must take and demonstrate proficiency in Grade 11 on the New Jersey Graduation Proficiency Assessment (NJGPA), which includes content aligned to the grade 10 New Jersey Student Learning Standards (NJSLS) in ELA, and the NJSLS in Algebra 1 and Geometry. If after completing the New Jersey Graduation Proficiency Assessment a student does not demonstrate proficiency on the ELA or mathematics section, the student may retake the New Jersey Graduation Proficiency Assessment in the following summer or fall.

If, after completing the NJGPA, students did not demonstrate proficiency by passing either the ELA or Math component, students may access the following pathways:

- Pathway 2: By meeting the designated cut score on a substitute competency test (see Table 5 below); or
- Pathway 3: By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Pathways 2 and 3 are only available to students who completed the NJGPA in Grade 11.

Note: Under the Individuals with Disability Education Act (IDEA), all students with disabilities must be included in all general state and district-wide assessments. IEPs of students with disabilities will address whether the student must meet the passing score on the state assessments or demonstrate proficiency through an alternate pathway. Students with disabilities whose IEPs specify an alternative way to demonstrate proficiencies, will continue to follow the graduation assessment requirements set forth in their IEPs.

Classes of 2026-2028

The New Jersey Department of Education has not yet announced the requirements for the Class of 2026 and beyond.

ELECTIVE REQUIREMENTS FOR GRADUATION

Students must earn 5 credits in 21st Century Life & Careers, 2.5 credits in Financial Literacy, and 5 credits in Visual & Performing Arts to meet graduation requirements. The following courses fulfill these credit requirements.

21st Century Life & Careers		
<i>Business</i>	<i>Computer & Technology Education</i>	<i>Family and Consumer Science</i>
<ul style="list-style-type: none"> • Intro to Business (2.5 credits) • Business Management (5.0 credits) 	<ul style="list-style-type: none"> • Intro to Computer Programming (2.5 credits) • Computer Programming 2 (2.5 credits) • Engineering & Design 1 (5.0 credits) • Graphic Design (2.5 credits) • AP Computer Science A (5.0 credits) • AP Computer Science Principles (5.0 credits) 	<ul style="list-style-type: none"> • Nutrition (2.5 credits) • Advanced Foods (2.5 credits) • Fashion & Design (2.5 credits) • Global Cuisine (2.5 credits)

Financial Literacy		
<i>Business</i>	<i>Mathematics</i>	<i>Social Studies</i>
<ul style="list-style-type: none"> • Intro to Business (2.5 credits) 	<ul style="list-style-type: none"> • Applications of Math w/Financial Literacy (5.0 credits) 	<ul style="list-style-type: none"> • AP Economics (5.0 credits) • Online Economics (2.5 credits)

Visual & Performing Arts	
<i>Visual Arts</i>	<i>Performing Arts</i>
<ul style="list-style-type: none"> Foundations of Art (5.0 credits) 	<ul style="list-style-type: none"> Freshman Choir (5.0 credits) Chamber Orchestra (5.0 credits) Concert Band (5.0 credits) MLHS Choir (5.0 credits) Symphonic Band (5.0 credits) Wind Ensemble (5.0 credits)

GRADING

CUMULATIVE GRADE POINT AVERAGE (GPA)

All courses except Physical Education, courses designated as Pass/Fail, and courses taken outside of MLHS are used to compute Cumulative GPA. Cumulative GPA is calculated by dividing the Total Grade Point Equivalent for All Eligible Courses by the Total Earned Credits for All Eligible Courses.

Cumulative Grade Point Average (GPA) is calculated using the weighted scale below.

Grade	Numerical Value	Advanced Placement	Honors	Other Courses
A+	97-100	5.3	4.8	4.3
A	93-96	5.0	4.5	4.0
A-	90-92	4.7	4.2	3.7
B+	87-89	4.3	3.8	3.3
B	83-86	4.0	3.5	3.0
B-	80-82	3.7	3.2	2.7
C+	77-79	3.3	2.8	2.3
C	73-76	3.0	2.5	2.0
C-	70-72	2.7	2.2	1.7
D+	67-69	1.3	1.3	1.3
D	63-66	1.0	1.0	1.0
D-	60-62	0.7	0.7	0.7
F	0-59	0.0	0.0	0.0

ADVANCED PLACEMENT (AP) COURSES

Advanced Placement (AP) courses are equivalent to college-level courses. When deciding whether or not to enroll in one or more AP courses, a student should carefully consider the time, effort, and commitment required to succeed in each of these rigorous courses. Interest in the material studied in a particular course should be a primary factor in a student's decision to enroll in an AP course. Due to the rigor of the work required, the grades earned in AP courses receive increased weight, as indicated in the above chart. **Every student enrolled in an AP course is expected to register for and take the AP Exam for that course.** Students interested in self-preparing for AP Exams may do so only for AP courses not offered by MLHS.

SUMMER COURSES AND GPA

Students intending to take summer courses for credit must fill out a Summer for Credit Course Application prior to enrolling in credit bearing MLHS Summer Academy courses. This application will be provided by the Summer Academy administrators.

Courses taken for credit are required to meet for 120 class hours for a full year or 5-credit course (60 hours for a semester or 2.5 credit course). Students must earn a final grade of at least 90% in a pre-approved credit bearing course to earn credit; however, the final grade will not be calculated into the student's cumulative GPA. The grade posted will be a "P" (Pass). Credits earned *will* be included on the MLHS transcript.

Courses taken to reclaim credit for a failed course are required to meet for 60 class hours (for a full year or 5 credit course) to meet the requirement for remediation. If successfully completed, both the credits and the grade for this course will be added to the student's transcript and calculated in the cumulative GPA. The failed course will remain on the transcript and the failing grade will remain in the cumulative GPA. Approval must be obtained from the Department Supervisor, the Director of School Counseling, and the Principal prior to enrollment in any summer courses for reclaiming credit.

Summer courses may be taken to improve mastery of concepts of courses that were already completed at MLHS; however, these enrollments will not affect previously earned grades. Grades earned in summer courses for which credit has already been earned at MLHS will not be calculated into the MLHS cumulative GPA, nor will they be averaged into the grade achieved in the previously completed course. Credits earned will not be posted since credit for the course has already been awarded.

Summer college courses taken during a high school career will not be included on the MLHS transcript.

Students and parents are highly encouraged to coordinate with their assigned counselors prior to enrollment in any summer courses to ensure that selected courses support the student's academic goals and program, the appropriate applications are submitted, and the necessary approvals are obtained.

CLASS RANK

Mountain Lakes High School does not provide class rank. If class rank is required for college scholarships or military academy admission purposes, a student may request that his/her rank be released directly to the institution or organization.

GENERAL ACADEMIC INFORMATION AND PROCEDURES

Mountain Lakes High School recognizes that, at times, students experience circumstances that fall outside typical scheduling parameters or that require flexibility in academic programming. Accordingly, teachers, counselors, and administrators work together with families to ensure that all students receive the services required to assist them in meeting with success. Detailed information regarding course auditing, dual credit, home instruction, incomplete grades, and make-up work is provided to aid students and parents in navigating any special or extenuating circumstances, and School Counselors are available to address questions and concerns.

AUDITING

No credits or grades are given for an audited class. A course may be audited for the purpose of strengthening a particular area of study or for enrichment. Auditing is not an option to be used in order to avoid a course being used in a student's cumulative grade point average. This option must be initiated and approved at the beginning of the school year or the semester prior to the start of the course. An application stating the student's goals and approval of the teacher and administrators must be submitted to the Department Supervisor, the Director of Counseling, and the Principal for final approval.

HOME INSTRUCTION

Students become eligible for Home Instruction when the student's doctor provides the school district with a required written statement, which must include the reason why the student is absent from school (mononucleosis, surgery, etc.) as well as the projected length of absence. Instruction is provided for students when the doctor indicates that the absence will be 10 days or more in duration. Instruction can begin only after the school physician has verified eligibility. This information should be brought to the Counseling Department where home instruction application and eligibility reports will be filled out and checked by the nurse. Then the forms and note will be sent to the Department of Special Services in order for the home instruction arrangements to be processed.

When students are participating in an in-patient facility, that facility should send the doctor's statement directly to the attention of the Director of Special Education via Rose Dunn at rdunn@mlschools.org.

INCOMPLETE GRADES

An incomplete grade ("IC") must be made up within 10 school days after the close of the marking period. In case of extended illness, additional time may be granted to a student for make-up work. Teachers shall judge each case on its individual merits. Final resolutions of student incomplete and grade changes should be coordinated through the Director of School Counseling.

MAKE-UP WORK

When a student has been absent from school, all missed work should be made up. It is the student's responsibility to consult with his/her teachers about make-up assignments. It is the responsibility of both the student and the teacher to arrange times for make-up work. In the event that a student misses a test during an excused absence, it is the student's responsibility to contact the teacher immediately upon his or her return to school in order to arrange for a make-up test. Teachers are expected to exercise good judgment in making such arrangements and to consult with the pupil's other teachers when a lengthy illness has created a large amount of make-up work to be done in a short period of time. School Counselors are available to assist both the student and the teachers in facilitating the student's transition back to school and in creating a manageable schedule for making up all missed assignments and assessments.

PROGRAM INFORMATION

In addition to the typical programs offered, MLHS provides specialized programs designed to meet the unique needs of each student.

DUAL ENROLLMENT

Mountain Lakes High School is proud to offer dual enrollment options for students seeking college credit. The MLHS administration has strengthened its partnership with Syracuse University Project Advance, and we are continuing our exploration of additional partnerships to expand our offerings.

Dual Enrollment partnerships with other institutions allow our students the potential to earn up to three (3) college credits. The participating colleges/universities approve the curriculum, textbooks, and teachers, and students must meet their particular criteria in order to receive college credit. Students enrolled in these classes are required to register for college credit at a reduced fee. Please note that individual colleges and universities have specific guidelines dictating whether or not they will accept credits earned through a dual enrollment program. As students plan their academic programming, they should consult with their school counselors regarding the potential to apply college credits earned through dual enrollment to future educational institutions.

Dual Enrollment courses for 2024-2025 are as follows:

Syracuse University Project Advance	
<i>MLHS Course</i>	<i>Syracuse Applicable Course(s)</i>
Entrepreneurship Honors	EEE 360 - Introduction to Entrepreneurship & Emerging Enterprises (3 credits)
Forensic Science Honors	CHE 113 - Forensic Science (3 credits)
Human Development and Sport	HFS/SPM 327 - Human Development and Sport (3 credits)

*Students enrolled in dual enrollment courses will be required to participate with Syracuse Project Advance

INDEPENDENT STUDY

Students in grades 10-12 may apply for the opportunity to do independent work in school, using teachers as consultants. An Independent Study may take place over the course of a full year (5 credits) or over the course of a semester (2.5 credits). Approval of students for an Independent Study will be based on several factors:

- Purpose
- Intellectual Ability
- Aptitude for Inquiry
- Imagination
- Curiosity
- Viability of Proposal

Previous academic accomplishments, supervisor recommendation, and personal interviews will be considered strongly in determining a student's acceptance into the program. Students will work with a teacher who will direct the student's research and assess his/her achievement. Independent Study may include a course offered by an approved institution of higher education. Academic credits are earned for all Independent Study on a pass/fail basis.

LAKE DRIVE PROGRAM FOR STUDENTS AT MLHS

The Lake Drive Program for Secondary Deaf & Hard of Hearing Students at MLHS offers a curriculum designed to foster academic and social skills which are prerequisite to a successful post secondary education in an academic or vocational/technical program. Housed at the high school, the program offers a wide variety of services for deaf/hard of hearing students in grades nine through twelve. An individual educational plan is devised in conjunction with each student's sending district. Both mainstream and self-contained classes are available in all academic areas. Self-contained classes are taught using a total communication approach, by trained teachers of the deaf. Interpreters and assistive listening devices are available for mainstreamed classes, extra curricular activities, school assembly programs and special evening programs.

OPTION II: PHYSICAL EDUCATION

Recognizing that our scholar athletes are involved in rigorous academic and athletic programs, the MLHS administration and Physical Education Department have designed an option for scholar athletes to be exempt from PE classes while **in season**. Separate applications are required for each quarter of PE, and, while both MLHS sports and non-MLHS sports qualify for consideration, non-MLHS sports require additional paperwork.

Policy Stipulations:

- Option II PE is available to freshmen, sophomores, juniors, and seniors.
- Students must report to an assigned, supervised study hall in lieu of PE class.
- Students cannot substitute another course for PE/Option II.
- Students cannot be exempt from Health/Driver's Education. During the quarter a student is enrolled in Health/Driver's Education, he/she may not participate in Option II.
- If a student leaves a team for any reason during or prior to the season, he/she must notify his/her School Counselor immediately and return to PE class. Failure to do so will result in Loss of Credit in PE class.
- If a student is carrying fewer than 32.5 credits, that student is ineligible for Option II PE.
- The grade earned will appear on the student's transcript as a "P" (Pass) or an "F" (Fail) and will not be calculated into the MLHS cumulative GPA. Credits earned will be included on the MLHS transcript.

SEAL OF BILITERACY

The New Jersey Seal of Biliteracy is an acknowledgment by the New Jersey Department of Education that a student has achieved mastery of two or more languages. Interested students must sit for a state-approved language proficiency exam on which they achieve the Intermediate Mid-level according to the American Council on the Teaching of Foreign Languages' Proficiency Guidelines. Information and an application will be provided in the American Sign Language 3 Honors, AP French, AP Latin, and AP Spanish.

VOCATIONAL COURSES / SHARED TIME PROGRAM

The MCVSD Share Time Career and Technical Education (CTE) Programs offer half-day, specialized training as part of a student's junior and senior year high school program. MCVSD offers a variety of Share Time CTE programs, most of which are located at the Morris County School of Technology in Denville. Additional Share Time CTE programs offered are in partnership with the County College of Morris and Pequannock High School.

<i>County College of Morris Campus</i>	<i>Denville Campus</i>	<i>Pequannock Campus</i>
<ul style="list-style-type: none"> • Criminal Justice • Culinary Arts and Hospitality • Cybersecurity & Information Protection • Engineering Design and Advanced Manufacturing 	<ul style="list-style-type: none"> • Auto Body and Collision Repair • Automotive Service Technology • Carpentry • Cosmetology • Electrical Trades • Exercise Science • Fundamentals of Food Services • HVAC • Plumbing and Pipefitting • Welding Technologies 	<ul style="list-style-type: none"> • Allied Health

Each of the Share Time CTE programs has a focused 2-year curriculum in the respective career area. The programs are guided by Advisory Councils which consist of business and industry partners, representatives from post-secondary institutions, students, parents and other important stakeholders. The Share Time CTE programs offer opportunities for students to earn industry-recognized credentials which can lead to employment while also preparing students to succeed in a variety of post-secondary education options.

SCHEDULING

COURSE SELECTION/SCHEDULING TIMELINE

Starting in February and running through March, each student will meet with his/her School Counselor to enter course requests for the following school year. Prior to this meeting, teacher recommendations, scheduling materials, and the Program of Studies, are made available to parents/guardians and students so that they can discuss individual academic, college, career, and personal goals to make informed decisions regarding scheduling options. Once all course requests are entered by the end of March, class sections are created in April, the master schedule is designed over the upcoming months. Finalized schedules are released in August. **Please note that some courses listed in the Program of Studies may not be offered due to insufficient enrollment or other reasons.**

COURSE PLACEMENT APPLICATIONS

A Course Placement Application is available to a student who has not met the prerequisite(s) for a course but who would like to be considered for enrollment in a higher level course. Course Placement Applications require the student to provide grades for Quarter 1 and Quarter 2 as well as a parent signature. The student is also asked to explain his/her interest in the course and to detail any extenuating circumstances that caused him/her to fall short of the prerequisite(s). Course Placement Applications are available in the Counseling Department and must be approved by the Department Supervisor, the Director of Counseling, and the Principal. Any student who wishes to obtain a Course Placement Application should schedule an appointment with his/her School Counselor. **Submission of a completed form does not guarantee enrollment in the course requested.**

CRITERIA FOR CHANGING STUDENT SCHEDULES

Students are expected to honor their commitments and to attend and satisfactorily complete the courses which they requested during counseling conferences. After receipt of schedule, changes will not be made for reasons of convenience. Only educationally sound changes will be considered according to the guidelines listed below:

- A recommendation from the Child Study Team requires a change.
- A recommendation from an administrator for disciplinary, attendance, or instructional reasons requires a change.
- A change in placement is determined by the appropriate Supervisor.
- The schedule includes a clerical error.

Preferential schedule changes will not be considered for any of the following reasons:

- The student has a preference for a given teacher.
- The student wishes to rearrange periods for convenience.

ADD/DROP & WITHDRAWAL

The following procedures and time frames apply to adding, dropping, and/or withdrawing from a course.

Semester Courses

- A semester course may be added up until 10 school days from the first day of the school year for Semester 1 or from the first day of Semester 2.
- After 10 school days from the start of the semester, an additional semester course may not be added
- A semester course may be dropped up until the mid-point of Quarter 1 for a Semester 1 course and up until the mid-point of Quarter 3 for a Semester 2 course. When a course is dropped within the permitted time frame, it will not appear on the student's transcript.
- When a student withdraws from a semester course after the permitted time frame, the course will be listed as a Withdraw Pass (WP) or a Withdraw Fail (WF) on the transcript, depending upon the student's grade at the time of the withdrawal.

Full Year Courses

- A full year course may be added up until 15 school days from the first day of the school year.
- After 15 school days, an additional full year course may not be added.
- A full year course may be dropped up until the last day of Quarter 1. When a course is dropped within the permitted time frame, it will not appear on the student's transcript.
- When a student withdraws from a full year course after the permitted time frame, the course will be listed as a Withdraw Pass (WP) or a Withdraw Fail (WF) on the transcript, depending upon the student's grade at the time of the withdrawal.

Special Considerations

- All schedule change requests must be made to a student's school counselor. All changes require approval by a parent and the Director of School Counseling.
- It should be noted that a Senior who withdraws from a course is placed in a unique position. If a transcript for a Senior has already been sent to a college or university such that the dropped course appeared on the official transcript as a course in progress, it will be necessary for the college or university to be informed of the dropped course. The integrity of official transcripts mandates such action. The School Counseling Department, in conjunction with the student, is responsible for informing the college or university of this change in the student's programming.

TRANSFERRING LEVELS

- When a student transfers from one level of a course to another (i.e. Honors to College Prep, AP to Honors), this transfer must take place no later than the last day of Quarter 1 or when mandated through the IEP process.
- When a student transfers from one level to another, the grades in the original course will transfer to the new course. No weighted grade point equivalent will be given to grades from the original course or to the Quarter 1 grade when the student remains in the original course through to the end of Quarter 1.
- If a transfer from a less rigorous level to a more rigorous level is warranted, such a transfer must take place within the first 15 days of school or with a teacher recommendation. Such a transfer must be approved by the Department Supervisor, the Director of Counseling, and the Principal.

COURSE OFFERINGS AND DESCRIPTIONS

The following pages provide brief descriptions of all courses offered at Mountain Lakes High School. Grade level requirements are noted, as are the number of credits awarded for full year courses (5 or 6 credits), semester courses (2.5 Credits), and quarterly courses (1.25 credits). Teacher recommendations and prerequisite coursework are required for enrollment in Honors and Advanced Placement level courses.

BUSINESS

Introduction to Business

Prerequisite: None

Grade Level 9-12
2.5 Credits

In this introductory course, students will delve into the fundamental principles of business by examining real-world scenarios that illustrate the intricacies of planning and launching products or services within today's dynamic business landscape. The curriculum provides an overview of entrepreneurship, focusing on individuals who initiate new ventures. Additionally, it explores diverse business structures, including partnerships, franchises, and corporations. The course introduces students to various leadership models within the business realm and delves into essential concepts of marketing and advertising. As a culminating project, students will craft their own commercial.

Furthermore, the course addresses techniques for attaining financial well-being through effective personal financial management, covering topics such as budgeting, understanding credit scores, and basic investing. Notably, this course satisfies the Financial Literacy requirement.

Business Management

Prerequisite: Introduction to Business

Grade Level 10-12
5 Credits

The Business Management course aims to equip students with a comprehensive understanding of the principles, procedures, and skills essential for a successful business venture. The curriculum covers fundamental business concepts, including pricing and inventory management, explored through a computer simulation focused on managing a football stadium. Students will delve into various topics such as supply and demand, business ethics, risk management, financial statement analysis, and marketing.

In addition to theoretical knowledge, the course emphasizes practical skills development. Students will learn and regularly practice effective public speaking techniques. Throughout the course, students will actively engage in managing all aspects of a real business as a class, providing a hands-on learning experience. Furthermore, they will enhance their professional toolkit by applying their learning to create success stories, develop a resume, and build a LinkedIn page. By the end of the course, students will have not only acquired a solid foundation in business management but also practical skills and tools to navigate the professional world confidently.

Entrepreneurship Honors:

Dual Enrollment: Syracuse University Project Advance

Prerequisite: Business Management AND Department Recommendation

OR completion of Digital Marketing Honors AND Sports & Entertainment Management Honors

Grade Level 11-12
5 Credits

This course establishes a foundational understanding of the pivotal role entrepreneurs and entrepreneurship play in the 21st-century global economy. Throughout the semester, students engage in assessing, exploring, critiquing, and celebrating entrepreneurship as a multifaceted phenomenon, emphasizing it as a mindset, attitude, and behavior.

Students discover the versatility of entrepreneurship across organizational contexts, with a focus on sustainable practices. Key learning areas include the inception of new ventures, their establishment, and factors contributing to success. Emphasis is placed on entrepreneurship as a manageable process applicable in virtually any organizational setting, spanning sustainable entrepreneurship and the entrepreneurial evolution over the life cycles of people's careers, organizations evolving from start-ups to sizable corporations, and societies progressing from undeveloped to post-industrial.

The principal focus is on the creation of new ventures, examining how they come into being and the factors associated with their success. Additionally, the course uniquely integrates insights from various disciplines, fostering a blend of theory and practical application. Students are encouraged to formulate and defend their conclusions, enhancing their understanding of entrepreneurship's interdisciplinary nature. Furthermore, students will refine their public speaking skills, gain knowledge about investment strategies through simulations, and practice interview skills to enhance their communication proficiency.

Digital Marketing Honors

Prerequisite: Business Management

Grade Level 11-12
2.5 Credits

The Digital Marketing course is designed to provide students with a foundational understanding of digital marketing and an introduction to the dynamic and rapidly expanding career landscape in this field. Students will delve into the fundamental concepts and principles underlying the digital experience, concentrating on acquiring the tools and skills essential for tackling business challenges and creating marketing prospects.

This course offers hands-on experience in various aspects, including but not limited to eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, search engine optimization, and mobile media. Students will gain practical insights into applying digital marketing strategies across these domains.

Sports and Entertainment Management Honors

Prerequisite: Business Management

Grade Level 11-12
2.5 Credits

The Sports and Entertainment Management course is tailored to help students broaden their comprehension of marketing concepts and theories, with a focus on their application to the management of sports and entertainment events. The coursework emphasizes essential skills pertinent to the sports business domain, including sales, marketing, revenue generation, athlete and talent management, and event operations.

By following a business-centric curriculum, the program readies students for a variety of potential career paths within the multi-billion-dollar sports and entertainment industry. This prepares them to navigate and contribute to the diverse aspects of this dynamic field.

COMPUTER AND TECHNOLOGY EDUCATION

Aviation & Aerospace

Prerequisite: None

Grade Level 9-12
5.0 credits

The Aviation & Aerospace course will cover 10 units that provide students with an introduction to aerospace studies, aviation careers, the role of government in aviation safety, and an accident case study. The first semester is 'Launching into Aviation' and the second is 'Exploring Aviation and Aerospace.' Aviation & Aerospace is the first of four courses that would lead students into one of two career and technical education pathways: pilot or unmanned aircraft systems (drones).

Introduction to Computer Programming

Prerequisite: None

Grade Level 9-12
2.5 credits

Introduction to Computer Programming (CP) serves as a foundational computer science course, requiring no prior experience in the field. While accommodating students with varying levels of expertise, those with more experience will find opportunities to extend projects and deepen their understanding. In contrast to the AP Computer Science Principles course, this course places a greater emphasis on programming.

The primary objective of Intro to CP is to familiarize students with foundational concepts in computer science and showcase its transformative power. Class time is dedicated to collaborative and individual programming, fostering a comfortable learning environment. The course employs a combination of Java and Processing, a language based on Java. Topics include representations of spaces and colors (e.g., RGB color), programming tools (e.g., the Processing IDE), variables, data types, mathematical operations, boolean expressions, and conditional statements. Upon completing this course, students have the option to advance to Computer Programming 2 within the same academic year.

Computer Programming 2

Prerequisite: Introduction to Computer Programming

Grade Level 9-12
2.5 credits

Computer Programming 2 serves as a natural continuation of the Introduction to Computer Programming course. In CP 2, additional topics are introduced, and existing concepts from Intro to CP are further explored. This course places a strong emphasis on the practical application of computer science principles to projects.

Students devote a significant amount of class time to the creation of computing artifacts, with projects being more substantial compared to those in Intro to CP. Collaboration is often a key component of these projects. A notable focus in CP 2 is placed on understanding, utilizing, and modifying code written by others, a skill that is more prominently featured than in Intro to CP. Key topics

covered in CP 2 include iteration (loops), program design, debugging, object-oriented programming, and arrays. The course is designed as preparation for AP Computer Science A, and students also have the option to continue their studies in AP Computer Science Principles.

Engineering & Design - Levels 1- 4

Prerequisite: None

Grade Level 9-12
5 Credits

This course is designed to expand the interested student's knowledge of architecture and engineering concepts. Students will use the latest architectural and mechanical software available, as well as the most up-to-date computerized numerical control process (C.N.C). Floor plans, model building, and three-dimensional drawing are all pivotal aspects in the field of architecture, and in turn, students will frequently be presented with the opportunity to practice such skills. Intriguing real-world problem solving activities are frequented where students are encouraged to utilize their creative problem solving skills to develop a solution to an engineering challenge. When appropriate, guest lecturers and field trips are identified to support and supplement the achievement of course objectives.

Graphic Design

Prerequisite: None

Grade Level 9-12
2.5 Credits

This course is centered around the procedures commonly employed in the graphic communication and design industries. Students will acquire hands-on experience in creative problem-solving and the practical implementation of solutions across various facets of graphic communications. Graphic designers play a key role in shaping the layout and production design of magazines, newspapers, journals, corporate reports, and other publications. They are also responsible for creating promotional displays, packaging, and marketing brochures for products and services. Additionally, graphic designers design unique logos for products and businesses and develop signage systems for both businesses and government entities. In the contemporary landscape, an increasing number of graphic designers are involved in developing content for Internet web pages, interactive media, and multimedia projects. Through active engagement in this course, students will develop graphic design skills in various software environments, including Adobe Creative Suite, Sketchup, and Java graphics programming.

Robotics

Prerequisite: None

Grade Level 9-12
5 Credits

This foundational Robotics course adopts a hands-on approach to acquaint students with fundamental concepts in mechanical engineering and computer science. Participants will delve into basic electronics, engage in robot design, and construct prototypes within a project-based environment. The course encourages students to build prototypes and employ simulation software for design testing. Core concepts in the course include robotic systems, sensors and I/O, degrees of freedom, and programming. In addition to technical skills, students will hone critical thinking and communication abilities through the analysis and presentation of results.

AP Computer Science Principles

Corequisite: Advanced or Honors Mathematics course

Grade Level 10-12
5 Credits

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. This course introduces students to the central ideas of computer science by focusing on 5 big ideas: Creative Development, Data, Algorithms and Programming, Computer Systems, and the Impact of Computing. Students learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students who enroll in AP Computer Science Principles are expected to register for and take the AP Computer Science Principles Exam. Please note that priority for enrollment in this course is given to students in grades 11 and 12.

AP Computer Science A

Prerequisites: Department Recommendation OR

Introduction to Computer Programming and Computer Programming 2 OR

AP Computer Science Principles

Grade Level 10-12
5 Credits

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language and utilizes both the labs provided by the College Board and numerous other resources. AP Computer Science is targeted at students interested in computer science regardless of their anticipated college major. AP Computer Science A is equivalent to a first-semester, college-level course in computer science. Students who enroll in AP Computer Science A are expected to register for and take the AP Computer Science A Exam.

Honors Advanced Data Structures*Prerequisites: Department Recommendation AND Computer Science A***Grade Level 11-12****5 Credits**

Honors Advanced Data Structures is the continuation of AP Computer Science A. This course covers advanced data structures such as two-dimensional arrays, Linked Lists, Sets, Maps, Stacks, Queues, Binary Trees, and hashing. Algorithms to traverse, insert, delete, search, and sort using each of these data structures will be analyzed for average efficiency. Students will also work with case studies to gain experience with large programs comprising several classes.

ENGLISH**English 9***Prerequisite: None***Grade Level 9****5 Credits**

Ninth Grade English provides students with experiences in literacy that build on the strong foundation established in the middle grades. Students read and compose complex texts representing various genres. As they read and write, literature serves as both a mirror and a window, helping students to grow in their awareness of themselves and in their appreciation of the perspectives and experiences of those around them. English 9 is a thematically driven course with a focus on core literacy skills (reading, writing, listening, speaking, and critical viewing) which prepares all students for further success in the language arts and in literacy skills across the curriculum. Students build upon foundational research practices established in previous grades with a focus on embracing ethical practices for source management, text reference and integration, and citation. Students wishing to pursue honors-level study in 10th grade must complete the 9th grade portfolio evaluation process.

English 10*Prerequisite: English 9***Grade Level 10****5 Credits**

English 10 develops students' reading, writing, speaking, and listening skills through an exploration of themes of power in literature. By examining the role of individual, interpersonal, and structural power students increase their sophistication as readers. Focused study is also applied to the writer's craft. In addition to building analytical skills, students reinforce their skills of research and argumentation. Students produce and share proficient work by giving particular consideration to peer editing and revision, and the appropriate and strategic use of technology, including elements of design. Individualized grammar instruction is delivered via IXL and writing conferences, while whole-class lessons address topics such as semicolon and colon use as well as effective quote integration. Finally, students engage in independent reading to discern their own preferences and encourage their development as life-long learners.

English 10 Honors*Prerequisites: English 9; Department Recommendation AND Completion of Honors Portfolio***Grade Level 10****5 Credits**

English 10 Honors is an accelerated study of the content of English 10. The reading and writing expectations are more advanced than in English 10. Students will be required to demonstrate an advanced level of self-motivation and assume responsibility for their learning.

English 10: AP Seminar*Prerequisites: English 9; Department Honors Recommendation AND Application Process***Grade Level 10****5 Credits**

AP Seminar, which serves to fulfill the sophomore year of English requirements, is a foundational course in the AP Capstone Program that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments and to produce research-based compositions and presentations. To receive AP weighting, students who enroll in AP Seminar must complete all coursework, must take the AP Seminar Exam in May, and must also enroll in AP Research for the junior or senior year in fulfillment of the two-year AP Capstone Certificate Program.

English 11*Prerequisite: English 10***Grade Level 11****5 Credits**

Eleventh Grade English is designed to provide students with experiences in literacy that continue to extend their range and confidence as both readers and writers in dealing with increasingly complex texts. Students interact with more sophisticated texts, continue to develop style and voice in their writing, and strengthen their ability to engage with the ideas represented in what they read. The study of literature in English 11 is organized thematically, and students engage in an interrogation of the concept of the American Dream as represented in literature from a variety of perspectives. Students also continue to gain experience as researchers, engaging in ethical practices of research and composition as they turn their attention to preparing for college level research practices.

English 11 Honors*Prerequisites: English 10; Department Recommendation OR**Approved Course Placement Application including Qualifying Writing Assessment.***Grade Level 11
5 Credits**

English 11 Honors is an accelerated study of the content of English 11. The reading and writing expectations are more advanced than in English 11. Students will be required to demonstrate an advanced level of self-motivation and assume increased responsibility for their learning.

English 11: AP Language and Composition*Prerequisites: English 10; Department Recommendation OR**Approved Course Placement Application including Qualifying Writing Assessment.***Grade Level 11
5 Credits**

The Advanced Placement Language and Composition course emphasizes skilled reading of prose, rather than poetry. Students will be instructed in the reading, interpretation, and analysis of a wide variety of complex prose texts written in a range of periods, disciplines, and rhetorical contexts. The development of effective expository, analytical, and argumentative writing styles and approaches is one of the primary objectives of this course. Teacher recommendation is required for admission. Students who enroll in AP Language and Composition are expected to register for and take the AP Language & Composition Exam.

English 12*Prerequisite: English 11***Grade Level 12
5 Credits**

Twelfth Grade English is designed to provide students with experiences in literacy that continue to extend their range and confidence in dealing with increasingly complex texts, as both readers and writers. At this point in their learning journey, students are developing independent reading and writing skills that will prepare them fully for college and workplace. Students continue to refine their style and voice through composition of personal narratives among other types of writing. The study of literature in English 12 is organized thematically, and students round out their high school literature study by investigating representations of Identity as it finds expression in literary fiction, non-fiction, popular media, and other genres. Students are challenged to come to a new understanding of themselves and the world around them through reading, writing, discussion, and creative production. They further develop their research skills, ensuring that they are fully prepared for college level research practices that conform to the highest standards of academic integrity.

English 12 Honors*Prerequisites: English 11; Department Recommendation OR**Approved Course Placement Application including Qualifying Writing Assessment.***Grade Level 12
5 Credits**

English 12 Honors is an accelerated study of the content of English 12. The reading and writing expectations are more advanced than in English 12. Students will be required to demonstrate an advanced level of self-motivation and assume increased responsibility for their learning.

English 12: AP Literature and Composition*Prerequisites: English 11; Department Recommendation OR**Approved Course Placement Application including Qualifying Writing Assessment.***Grade Level 12
5 Credits**

The Advanced Placement course in English Literature and Composition involves students in the close reading and critical analysis of literature in preparation for the College Board Advanced Placement examination. By deepening their understanding of literature, students will develop critical standards. Regular writing assignments will include predominantly analytical pieces. This course is open to seniors only. Students who enroll in AP Literature & Composition are expected to register for and take the AP Literature & Composition Exam.

AP Seminar (Elective)*Prerequisites: Teacher Recommendation or completion of an Honors course***Grade Level: 11-12
5 Credits**

This course is for any student who wishes to sharpen college-level research, writing, collaboration, and presentation skills at an advanced level. AP Seminar is the first course in the AP Capstone Program that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing diverse perspectives. Students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments and to produce research-based compositions and presentations. To receive AP weighting, students who enroll in AP Seminar (Elective) must complete all coursework and must take the AP Seminar Exam in May. Juniors who successfully complete all the requirements of AP Seminar may elect to enroll in AP Research for their senior year in fulfillment of the two-year AP Capstone Certificate Program.

AP Research

Prerequisite: Successful completion of all requirements of AP Seminar

Grade Level 11-12
5 Credits

AP Research is the culminating course in the AP Capstone Program, a program that includes AP Seminar. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words and a presentation with an oral defense. To receive AP weighting, students who enroll in AP Research must complete all coursework including the academic paper, presentation, and oral defense (all of which constitute the AP Exam Score). Though students do not sit for a traditional "exam," they must register for the AP Research Assessment. NOTE: AP Research is an elective and does not meet the graduation requirements for grade 11 English or grade 12 English.

Communications 9

Prerequisite: None

Grade Level 9-12
1.25 Credits

Communications 9 is a quarter course that will provide students in the Lake Drive Program at Mountain Lakes High School with information as they transition into high school. Students begin with an orientation to high school staff, schedule and procedures. Students will learn about the history of The Individuals with Disabilities Education Act (IDEA), formerly called P.L. 94-192 or the Education for all Handicapped Children Act of 1975, and how the laws provide students with rights as a deaf person. Students will learn how to be an active participant in their Annual Review Meetings as their Individual Education Plans (IEP) are created. Understanding how to appropriately utilize an educational sign interpreter in the school settings and the history of deaf education and Deaf culture are also integrated into the course.

Communications 10

Prerequisite: None

Grade Level 10-12
1.25 Credits

Communications 10 is a quarter course that will provide students in the Lake Drive Program at Mountain Lakes High School with information about hearing loss. Students will learn the anatomy of the ear, the types of hearing loss, and how to read an audiogram. At the completion of the course the students will be able to identify and explain their hearing loss in order for them to be independent consumers in the future.

Communications 11

Prerequisite: None

Grade Level 11-12
1.25 Credits

Communications 11 is a quarter course that will provide students in the Lake Drive Program at Mountain Lakes High School with information about the agencies that will provide support as they transition out of high school. Students will learn about the New Jersey Division of Vocational Rehabilitation Services (DVRS) and the services that they can provide. Students will be encouraged to contact their DVRS deaf specialist based in the county they reside in. Students will learn about The American with Disabilities Act (ADA), their rights, how the law protects them as deaf individuals, and Section 504 of the Rehabilitation Act.

Communications 12

Prerequisite: None

Grade Level 12
2.5 Credits

Communications 12 is a semester course that will provide students in the Lake Drive Program at Mountain Lakes High School support as they transition out of high school. This course focuses on post secondary transition, post secondary options including technical school, community college and 4 year college. Students learn about different degrees and certifications. The course also supports students with the college application process, including FAFSA, how to schedule a tour, requesting letters of recommendations and the cost of college. Students are required to identify safety, target and reach schools. Other topics include resume writing, essay writing, interview skills, job and scholarship applications.

Creative Writing and Spoken Word Poetry

Prerequisite: None

Grade Level 9-12
2.5 Credits

Students will explore creative writing of all types including poetry, short fiction, personal narrative. In addition, this course will introduce the art of Spoken Word Poetry and Slam Poetry. Students will have an opportunity to focus on the creative genre of their choice producing a final collection of original work which can be used as a portfolio for colleges and universities.

Film Studies*Prerequisite: None***Grade Level 9-12**
2.5 Credits

Film Studies focuses on the elements and techniques of filmmaking. Film, while commonly viewed as pure entertainment, is also a valid and serious art form. Therefore, the course approaches this art form from three critical perspectives: analytical, historical/cultural, and aesthetic. Students will learn about the entire filmmaking process, including the planning, composition, and production of individual shots and sequences. A wide range of films, from feature-length narratives to animated, experimental, and documentary shorts, will be shown to illustrate the material covered in classroom discussions. Throughout the study, students will come to understand the various styles and techniques that characterize a particular film period, the establishment of film genres, and the accomplishments of noted artists in film. Most importantly, the student in this class will not only learn *about* film, but will be actively engaged in *making* film throughout the semester. Students will develop a portfolio of their work throughout the semester.

Journalism in the Digital Age*Prerequisite: None***Grade Level 9-12**
2.5 Credits

Our society is saturated by digital journalism, which helps to deliver current events and news in a variety of ways. The Core Skills of Journalism are just the beginning of this course. Students will have the opportunity to learn about Traditional Journalism (news, sports, feature writing, opinion...), Podcasting, Multimedia Journalism (audio/video), Interviewing Skills, Publishing with Wordpress, Blogging, and other forms of digital and traditional journalism. Students will not just learn about journalism. They will BE journalists, and their efforts will contribute content for the MLHS Student Newspaper which is a digital publication. This is also an excellent way to begin finding a place on the Mountaineer Editorial Staff, an excellent addition to the college-ready resume. Students will complete the course with a portfolio of their own work.

Learning Strategies*Prerequisite: None***Grade Level 9-12**
1-5 Credits

This course is designed as a four-year course to help students acquire better study and organizational techniques, to review basic academic skills, to learn and practice self advocacy skills, to learn transitional skills, and to provide curriculum support in academic classes. Students' Individualized Educational Plans dictate the nature of instruction offered in this course. Academic credits are earned on a pass/fail basis and are based on the number of meeting sessions.

Public Speaking*Prerequisite: None***Grade Level 9-12**
2.5 Credits

Public Speaking is a class that is designed to nurture the hesitant speaker as well as further the abilities of students already familiar with the skills needed to speak in front of an audience. Students will learn how to craft and deliver speeches for a variety of purposes and audiences. Progress will be charted through self- and peer-evaluations as well as the video recording of speeches. This course will provide students with practical speaking skills for high school, college, and the workplace. They will develop a new kind of self-confidence that will grow, as they become more effective speakers.

Reading Strategies*Prerequisite: None***Grade Level 9 - 12**
2.5 Credits

Reading Strategies is a semester course that will provide students in the Lake Drive Program at Mountain Lakes High School additional opportunities to practice skills related to reading comprehension and written language. Students will translate experiences designed to facilitate language enrichment into the written word. Reading and writing activities will enhance reading comprehension and written expression skills.

FAMILY AND CONSUMER SCIENCE**Fashion and Image***Prerequisite: None***Grade Level 9-12**
2.5 Credits

Students will develop an understanding of the principles of fashion design and the roles that color, line, design, and texture play in influencing fashion decisions and creating optical illusions. Students will examine the relationships of society, media, culture, technology and material resources to the history of design. This course covers basic fashion illustration and descriptions. Understanding and application of textile profiles will be incorporated into projects. In the laboratory setting, this class will include an introduction to safety, equipment, terms and construction techniques necessary to create several simple projects or a portfolio. Students will explore the fashion district and will consider career opportunities in the fashion industry. Fashion from the early 20th century fashion houses to contemporary designers will be studied.

Nutrition*Prerequisite: None***Grade Level 9-12****2.5 Credits**

This laboratory course is designed to help students acquire food science knowledge and skills including kitchen safety awareness, understanding of food preparation tools and techniques, food handling guidelines, and assessment of nutritional choices. Students will gain an appreciation for the food spectrum and be able to apply basic principles of the culinary world and of informed consumer decision-making.

Advanced Foods*Prerequisite: Nutrition***Grade Level 9-12****2.5 Credits**

This laboratory class allows students the opportunity to reinforce skills and knowledge gained in Food and Nutrition. Students will develop sophisticated culinary skills and advanced baking techniques. The emphasis will be on preparing whole meals from the seven culinary regions of the United States. Topics include cultural diversity in foods, food technology, healthy eating, careers in the food industry, and consumer economics. This course will offer opportunities for problem solving, creativity, and leadership.

Global Cuisine*Prerequisite: Nutrition***Grade Level 9-12****2.5 Credits**

This laboratory class will allow students to build on skills gained from the Food and Nutrition class. Students will broaden their understanding of the evolution of cuisine from international lands. They will research the factors affecting the variety of food associated with various countries. Emphasis will be on geography, availability, culture, customs, celebrations, and cooking methods. This research will allow them to use the basic food preparation techniques and nutrition facts to prepare and serve basic meals and desserts associated with people of diverse cultures.

MATHEMATICS**Algebra 1 (Enriched, Advanced, Honors)***Prerequisite: Department Recommendation OR Approved CPA Required for Advanced or Honors***Grade Level 9-10****5 Credits**

This course will prepare students with a solid algebraic foundation necessary for advanced mathematics courses. Students will explore properties of the real number system and rational numbers and their relationships. Topics include the arithmetic of polynomials, rewriting expressions, solving systems of equations, as well as solving and representing equations and inequalities graphically. Additionally, students will study linear and quadratic functions and engage in a foundational exploration of exponential functions. The foundations of statistics, such as interpreting categorical and quantitative data, and linear models, will also be investigated. Throughout this course, emphasis will be placed on mathematical reasoning and mathematical modeling, as well as problem-solving in real-world settings. The Advanced course is taught at a faster pace and challenges students with more rigorous work. The Honors course is designed for students who have mastered previous learning standards, exceeded expectations, and it will present further challenges requiring advanced analytical thought.

Geometry (Enriched, Advanced, Honors)*Prerequisite: Department Recommendation OR Approved CPA Required for Advanced or Honors***Grade Level 9-10****5 Credits**

This course emphasizes topics inherent to the Euclidean plane and solid geometry. There is a focus on using deductive reasoning and proofs to develop a conceptual understanding of geometric properties. Topics include similarity and congruence, the transformation of such figures, angle relationships, perpendicular lines, parallel lines, properties of triangles, other polygons, and circles, as well as exercises with constructions and loci. Coordinate geometry will be developed and applied algebraically. Students will study applications in the area of 2-dimensional shapes, as well as the surface area and volume of 3-dimensional figures. Foundational trigonometry will also be explored. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, and problem-solving in real-world settings. The Advanced course is taught at a faster pace and challenges students with more rigorous work. The Honors course is designed for students who have mastered previous learning standards, exceeded expectations, and it will present further challenges requiring advanced analytical thought.

Algebra 2 (Enriched, Advanced, Honors)*Prerequisite: Algebra 1**Pre/Corequisite: Geometry**Department Recommendation OR Approved Course Placement Application Required for Advanced or Honors***Grade Level 9-11****5 Credits**

Building on the understanding of linear, exponential and quadratic functions from Algebra 1, this course will extend the study of functions to include polynomial, rational, and radical functions. The learning standards in this course continue the work of modeling situations and solving equations. Building on the understanding of trigonometric ratios and circles from Geometry, students will extend trigonometry to model periodic phenomena. Students will explore the effects of transformations on graphs of functions and will learn to identify appropriate models for given situations. The learning standards in this course require development of models more complex than those of previous courses. This course will also relate the data representations and summary statistics learned in prior

courses to different types of data and probability distributions. Students will also explore methods of data collection including, samples, surveys, experiments and simulations. A graphing calculator and various other technologies will be used throughout this course. The Advanced course is taught at a faster pace and challenges students with more rigorous work. The Honors course is designed for students who have mastered previous learning standards, exceeded expectations, and it will present further challenges requiring advanced analytical thought.

Precalculus (Enriched, Advanced, Honors)

Grade Level 10-12

Prerequisite: Algebra 2 AND Department Recommendation OR Approved Course Placement Application
Required for Advanced or Honors

5 Credits

Precalculus extends the study of linear, exponential, quadratic, polynomial, rational and radical functions to trigonometric functions, parametric functions, and conic sections. Students will learn to verify trigonometric identities and use these identities to solve trigonometric equations. Students will explore the relationships within the Law of Sines and Law of Cosines, and will be introduced to vectors and basic vector operations. This course also extends the development of data analysis skills, including the study sampling techniques, graphical displays, summary statistics, probability distributions, confidence intervals, and significance testing. The course will end with an introduction to the study of Calculus through an exploration of the continuity of functions, evaluation of limit values, and the formal definition of a derivative. The Advanced course is taught at a faster pace and challenges students with more rigorous work. The Honors course is designed for students who have mastered previous learning standards, exceeded expectations, and it will present further challenges requiring advanced analytical thought.

Calculus

Grade Level 11-12

Prerequisite: Precalculus AND Department Recommendation
OR Approved Course Placement Application

5 Credits

This course serves as a high school level introduction to differential and integral calculus. This course differs from AP Calculus AB and AP Calculus BC in both the range of topics and the depths in which they are studied. The topics of this course focus upon the central ideas of calculus, such as limits, slopes of tangent lines, rates of change, areas under curves. Students will also deepen their knowledge and understanding of functions and how they are used to represent real-world phenomena.

AP Calculus AB

Grade Level 10-12

Prerequisite: Precalculus Advanced or Honors AND Department Recommendation
OR Approved Course Placement Application

5 Credits

AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. The course focuses on students' understanding of calculus concepts and provides experience with methods and applications. The big ideas of calculus (e.g., modeling change, approximation and limits, analysis of functions) are emphasized and a multi-representational approach is taken to express concepts, results, and problems graphically, numerically, analytically, and verbally. Exploring connections among these representations builds a deep understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems to build arguments and justify conclusions. The course maintains an emphasis on clear communication of methods, reasoning, justifications, and conclusions throughout. Students who enroll in AP Calculus AB are expected to complete the AP Exam. Students who have previously earned credit for Calculus cannot enroll in this course.

AP Calculus BC

Grade Level 10-12

Prerequisite: Precalculus Honors AND Department Recommendation
OR Approved Course Placement Application

5 Credits

AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses. The course focuses on students' understanding of calculus concepts and provides experience with methods and applications. The big ideas of calculus (e.g., modeling change, approximation and limits, analysis of functions) are emphasized and a multi-representational approach is taken to express concepts, results, and problems graphically, numerically, analytically, and verbally. Exploring connections among these representations builds a deep understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems to build arguments and justify conclusions. AP Calculus BC applies the content and skills previously learned to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series. The course maintains an emphasis on clear communication of methods, reasoning, justifications, and conclusions throughout. Students who enroll in AP Calculus BC are expected to complete the AP Exam. Students who have previously earned credit for Calculus cannot enroll in this course.

Probability and Statistics

Grade Level 11-12

Prerequisite: Algebra 2

5 credits

Probability & Statistics introduces students to the basic concepts and logic of statistical reasoning and gives the students introductory-level practical ability to choose, generate, and properly interpret appropriate descriptive and inferential methods. In addition, the course helps students gain an appreciation for the diverse applications of statistics and its relevance to their lives and fields of study.

AP Statistics*Prerequisite: Algebra 2 AND**Corequisite: Precalculus AND**Department Recommendation OR Approved Course Placement Application***Grade Level 11-12****5 Credits**

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students who have already earned credit for Probability and Statistics cannot enroll in this course.

Multivariable Calculus Honors*Prerequisite: AP Calculus AB or BC OR**Department Recommendation OR Approved Course Placement Application***Grade Level 12****5 Credits**

Multivariable Calculus is a course designed to study the topics from regular calculus extended into three or more dimensions. The class will prove very beneficial for those students interested in advancing their studies in physics, engineering, or applied mathematics at the university level. The course begins with Euclidean geometry in three dimensions. Topics to be studied include points, lines, and planes, as well as dot and cross product. Functions of two variables will be plotted and analyzed. Contour plots and level curves in various dimensions will be analyzed as well. Part of the course will cover differentiation in multiple dimensions, including the analysis of partial derivatives and tangent planes. Topics such as the chain rule will be extended into n-dimensions. The remainder of the course will also be devoted to the analysis of multiple integrals and how to physically interpret them. The relation to volume will be studied. Physical interpretations of these concepts – like center of mass – will be thoroughly developed. A strong relation to physics concepts will be fostered.

Applications of Math with Financial Literacy*Prerequisite: Algebra 2***Grade Level 12****5 Credits**

This course provides a survey of topics in mathematics including statistics, discrete mathematics, and everyday applications of mathematics. This course culminates in a thorough study of financial literacy. All topics lend themselves to a student's development of problem solving, communication, reasoning, and modeling skills. By modeling real world scenarios, students will embrace mathematics as a useful tool in decision-making. Successful completion of the course fulfills the graduation requirement for financial literacy.

Math for Independent Living*Prerequisite: None***Grade Level 10-12****2.5-5.0 Credits**

Math for Independent Living is offered as both a semester course or a full year course for students in the Lake Drive Program at Mountain Lakes High School. This course provides application of mathematics into the real world. Students continue to master their mathematics skills as they apply them to real life situations. Topics include essential living expenses, budgeting, income, banking, transportation, and other key topics. Successful completion of this course fulfills the graduation requirement for financial literacy.

PERFORMING ARTS**Freshman Choir***Prerequisite: None***Grade Level 9****5 Credits**

Freshman Choir is designed as an introductory course integrated within the high school choral program. It is designed to teach the fundamentals of choral singing in preparation for the advanced choral ensembles. Emphasis will be placed on vocal technique, such as breath support, tone, intonation, vowel production, diction, musical terms and symbols, sight-reading and musicality. These elements will be taught through daily vocal exercises and choral repertoire representative of all periods of music, medieval to contemporary. All Choir members are required to attend rehearsals and concerts.

Students may enroll in **BOTH** Freshman Choir (2.0) **AND** Concert Band (3.0) **OR** Chamber Orchestra (3.0)

MLHS Choir*Prerequisite: None***Grade Level 10-12****5 Credits**

The purposes of the high school choral program are to offer students experiences in the development of good vocal habits and to provide an overview of a variety of examples of fine choral literature. Students will refine their vocal skills through exercises and experiences in pitch awareness, breath control, phrasing, balance, blend, posture, interpretation, and performance materials. Repertoire will be representative of all periods of music, medieval to contemporary. All Choir members are required to attend rehearsals and concerts.

Students may enroll in **BOTH** MLHS Choir (2.0) **AND** Symphonic Band (3.0) **OR** Wind Ensemble (3.0) **OR** Chamber Orchestra (3.0).

Chamber Choir (Honors)

Grade Level 10-12
5 Credits

Prerequisites: Membership and Enrollment in MLHS Choir; Department Recommendation/Audition

This course is only open to students through audition or by invitation of the instructor. This course is designed to give serious singers with fine vocal skills the opportunity to perform musically challenging literature. The course literature will range from that of the 16th century to the present. Students are expected to have good to excellent sight singing skills and tonal memory. Moreover, because the literature is difficult, students are expected to have superior self-motivational skills. Because the ensemble must be a balanced one, each year students will audition for available openings. Attendance at all scheduled performances is a must. Moreover, students must be prepared to perform during the high school graduation ceremony and other school events. Students will also be required to work on individual repertoire. The instructor reserves the right to re-audition ensemble members each year.

Honors credit in Chamber Choir is available for Grades 11-12.

Concert Band

Grade Level 9
5 Credits

Prerequisite: None

This class is offered to students who are freshman musicians of band instruments, or who are learning a new instrument. Classes will meet every day and will work through a concept-based program designed to comprehensively teach the fundamentals of music, as well as music to be performed in concert. The students will work on the skills necessary to excel on their instruments, including scales, rhythms, sight reading, tone quality, dynamics, and balance. Concert Band Members are required to play with the Pep Band at all home football games. All Concert Band students are required to attend small group lessons once a week.

Students may enroll in **BOTH** Concert Band (3.0) **AND** Freshman Choir (2.0) **OR** Chamber Orchestra (2.0)

Chamber Orchestra

Grade Level 9-12
5 Credits

Prerequisite: Must have experience playing chosen instrument

Chamber Orchestra is designed to develop each student's technical ability and performance skills needed to be a capable and responsible member of the musical community. Students will work on advancing technique in the following areas: posture, tone production, phrasing, bow control, as well as rhythmic and aural acuity. The program will offer students the opportunity to gain a better understanding and appreciation for orchestral literature, the self-discipline to practice at home, and the ability to be creative through music. In addition to daily group rehearsal, all Chamber Orchestra students are required to attend small group lessons once a week. Emphasis will be placed on individual growth that meets the needs of each instrumental music student in order to provide the student with the necessary skills to continue musical performance for lifelong enjoyment and recreation.

In order to maintain equity of credit-bearing scheduling opportunities, freshmen who enroll in Chamber Orchestra will participate in Zero Period class and will be scheduled for a Study Hall during the period in which Concert Band runs. Strings are not an element of the Band Program classes.

Students may enroll in **BOTH** Chamber Orchestra (3.0) **AND** Symphonic Band (2.0) **OR** Wind Ensemble (2.0) **OR** MLHS Choir (2.0).

Chamber Orchestra Honors

Grade Level 11-12
5 Credits

Prerequisite: Audition and Department Recommendation

Honors Chamber Orchestra will be open to students via auditions and teacher recommendation. These students should perform at an advanced level of technique and musicianship, approaching the study of music with a high level of reflection and perspective. Students will complete written assignments such as developing concert program notes, detailed performance reflections and musicology research assignments. Additional quarterly performance requirements are in place including solo repertoire and ensemble performance-based assessments.

Students may enroll in **BOTH** Chamber Orchestra (3.0) **AND** Symphonic Band (2.0) **OR** Wind Ensemble (2.0) **OR** MLHS Choir (2.0).

Symphonic Band

Grade Level 10-12
5 Credits

Prerequisite: None

The purpose of the Symphonic Band is to provide students with an overview and understanding of band literature from all compositional periods. The students will continue to improve on the skills and techniques learned in elementary and middle school, as well as the beginning level of the high school band program. In addition, students will use music as a way to improve self-discipline, teamwork, and appreciation of music and its role in society. Symphonic Band members are required to play with the Pep Band at all home football games. All Symphonic Band students are required to attend small group lessons once a week. Seating is by audition.

Students may enroll in **BOTH** Symphonic Band (3.0) **AND** Chamber Orchestra (2.0) **OR** MLHS Choir (2.0).

Symphonic Band Honors*Prerequisite: Audition and Department Recommendation only***Grade Level 11-12
5 Credits**

In Symphonic Band Honors, students consider and perform music at an advanced level. For example, they approach performance as listeners, as conductors, and not simply as producers of music. They write performance reflections and conduct research. Students prepare auditions for advanced band ensembles and practice and perform solo repertoire as well. Additional quarterly performance requirements are in place including solo repertoire, project based assignments, and performance-based assessments.

Students may enroll in **BOTH** Symphonic Band (3.0) **AND** Chamber Orchestra (2.0) **OR** MLHS Choir (2.0).

Wind Ensemble*Prerequisite: Department Recommendation and/or Audition***Grade Level 10-12
5 Credits**

The Wind Ensemble is an advanced ensemble. The ensemble will provide the appropriate educational setting for students to work on music suited for a higher performance level. This smaller group will allow students to play more independently and learn literature that is appropriate for a Wind Ensemble's instrumentation. Students will continue to develop the skills and techniques learned in previous band classes. Wind Ensemble members are required to play with the Pep Band at all home football games. All Wind Ensemble students are required to attend small group lessons once a week. Seating is by audition.

Students may enroll in **BOTH** Wind Ensemble (3.0) **AND** Chamber Orchestra (2.0) **OR** MLHS Choir (2.0).

Wind Ensemble Honors*Prerequisite: Audition and Department Recommendation only***Grade Level 11-12
5 Credits**

In Wind Ensemble Honors, students consider and perform music at an advanced level. For example, they approach performance as listeners, as conductors, and not simply as producers of music. They write performance reflections and conduct research. Students prepare auditions for advanced band ensembles and practice and perform solo repertoire as well. Additional quarterly performance requirements are in place including solo repertoire, project based assignments, and performance-based assessments.

Students may enroll in **BOTH** Wind Ensemble (3.0) **AND** Chamber Orchestra (2.0) **OR** MLHS Choir (2.0).

AP Music Theory

*Prerequisites: Department Recommendation AND 5 Credits in Visual and Performing Arts completed
Credits at MLHS during the regular academic calendar year AND Entrance Examination*

**Grade Level 10-12
5**

In AP Music Theory, a great variety of musical activities may be employed in any given class: performing, listening, analyzing, and composing. Particular emphasis is placed on writing music, believing that in composing one faces the most vivid and essential musical questions. In individual ways, we integrate hearing with analysis and analysis with performing. This course provides an in-depth examination of tonal harmony and analysis of the 17th and 18th-centuries, thus giving students an understanding of how music is composed.

The course is designed to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development or aural, sight-singing, written, compositional and analytical skills presented through listening, performance, writing, and analytical exercises. Students who enroll in AP Music Theory are expected to register for and take the AP Music Theory Exam.

PHYSICAL EDUCATION, HEALTH & SAFETY**Physical Education 9-12
3 Marking Periods****Grade Level 9-12
3.75 Credits**

The program in physical education strives to develop a sense of importance and enjoyment of physical fitness in each student. The course utilizes both individual and team activities. The program's development of physical fitness, coordination, knowledge of rules, confidence, cooperation, and enjoyment of activity are all important aspects. Project Adventure activities are utilized to develop a feeling of mutual trust, group initiative, and problem-solving.

The program will also focus on a Wellness program for students in Mountain Lakes High School that is offered to all students, grades 9-12, and is specifically designed to emphasize personal and mental health, physical wellness, and safety for all students. Students will be able to cultivate the knowledge and skills to become individuals with health and physical literacy that aid in developing healthy and successful lives.

Additionally, the program promotes the development of a complete person; physically, mentally, socially, and emotionally. Focusing on mental health and the relationship between physical and psychological health to enhance students' understanding, attitudes, and behaviors that promote health, well-being, and human dignity. Students will develop all the skills and knowledge to participate in lifelong fitness; enhance their knowledge of cardiovascular activities, injury, and disease prevention. Cultivating fitness habits that support individuals to plan and stay healthy throughout their lifetime. Students will self-evaluate and build/create personal fitness goals that will facilitate their understanding of the relationship between physical activity and long-term wellness alongside goal setting. The goal is to develop BUT maintain physical fitness levels that will provide opportunities for self-expression, enjoyment, and emotional satisfaction.

Health 9: Human Development
MP2

Grade Level 9
1.25 Credits

Topics in Human Development include human growth and reproduction, abstinence, contraception, sexually transmitted diseases, acquaintance rape, teen pregnancy, and drugs.

Specifically, the program will provide a comprehensive health course focusing on human development education which enables 9th-grade students to understand the physical, biological, emotional, and social aspects of human health, growth, and development. Students will have the opportunity to cultivate the knowledge and skills to become individuals with health and physical literacy that aid in developing healthy, safe, and drug-free lives.

This health program will cover mental health, human sexuality, pregnancy, health conditions, disease, alcohol, and drugs. Focusing on mental health in how bullying, growth development, stress, sexual orientation, peer pressure, suicide prevention, and decision-making all play a crucial part in mental wellness. By teaching about different values, self-respect, dignity, and conflict resolution, students will better understand how to manage their mental health. The core of Human sexuality will be about the reproductive system, sexual response cycle, sexual abuse/harassment, and self-examination (male and female). The pregnancy unit consists of prevention, abstinence, and contraceptives. We will dive into the emotional, social, and physical changes your body goes through during pregnancy. Other topics that will be covered will be health conditions and disease, focusing on cancer and sexually transmitted disease awareness and prevention. The last unit, Alcohol and drugs, will teach students about drugs, their effects on the body, and the dangers of misjudgment.

Health 10: Driver Education (Theory)
MP 1

Grade Level 10
1.25 Credits

This course consists of 30 hours of classroom instruction in the fundamentals of driving. The course stresses safety, courtesy, driving laws, insurance, and awareness of the dangers of drinking and driving and proper driving techniques. The student will take the written test for his/her New Jersey driving permit in class. Upon completion of the course, the student may take 6 hours of behind-the-wheel instruction with the Easy Method Driving School.

The driver's education course is designed to prepare students for the State required Driver' Education test. The scope and sequence of the course include safe driving, driver responsibilities, rules and regulations, responsible citizenship, driving in adverse conditions, and handling emergencies. In addition, we will briefly review some additional tips on the car accident crisis action plan. Students will understand responsibilities, and that driving is a privilege, not a right. By the end of the course, students will understand the rules and regulations of the road and safety protocols to ensure the safety of all road users.

Health 11: Current Health Issues
MP 4

Grade Level 11
1.25 Credits

Topics in Current Health Issues include disease, lifestyle, drugs, and environmental concerns. This course follows the American Heart Association modulus on first aid, CPR, and AED training.

First Aid/CPR/AED course incorporates the latest science and teaches students to recognize and care for a variety of first aid emergencies such as burns, cuts, scrapes, sudden illnesses, seizures, head, neck, and back injuries, heat, and cold emergencies and how to respond to breathing and cardiac emergencies for victims. In addition, students will understand what it looks like to have an allergic reaction, asthma attack, diabetes, low/high blood sugar, and fainting. It is essential also to know how to provide first aid for an amputated ligament, snake bites, and bone fractures. By the end of this unit, students will receive a certification from Heart Saver for CPR.

Mental Health first aid is just as important as physical first aid. Students will have the opportunity to learn skills on how to help someone who is emotionally distressed. Students will go through a series of lessons that will give them a certification to provide mental health first aid.

Health 12: Human Relationships
MP 3

Grade Level 12
1.25 Credits

The Human Relationships course is geared toward 12th-grade students and brings the importance of relationships in all aspects of life for their future endeavors. This program addresses various issues relating to mental health/illnesses, preparing for college life, establishing healthy relationships, and global issues. In Mental Health, students will understand various mental illnesses such as

anxiety, depression, OCD, PTSD, bipolar, schizophrenia, and eating disorders. College life will consist of campus safety (dorms, parties (alcohol, and drugs), resources available, pledge life, stress management, and fire safety. We want students to have the opportunity to learn skills that will allow them to be aware of their surroundings at all times, be safe, smart, and responsible when making decisions and know what to do in an emergency. Students will be challenged to become introspective and examine the consequences of choice and their decisions. Stress management will be covered as well as introducing healthy ways to manage stressors that arise in college. These skills will help prepare them for their future and the challenges of college life and as family life. Having healthy relationships is just as important; students will understand all aspects of healthy relationships, from abusive relationships (verbally and sexually), to domestic violence and sexual orientation. In this unit, we will also review/remind students about STDs and consent.

Human Development and Sport Honors
Dual Enrollment: Syracuse University Project Advance
Prerequisite: Department Recommendation

Grade Level 11-12
2.5 Credits

Human Development and Sport, examines the dynamics of youth development, social change, and social inclusion in the context of sport. Students examine perspectives of youth development and principles of sport that facilitate personal, social, and cultural development. Students explore ways in which sport-for-development programs provide positive environments and opportunities for collaboration, social change, inclusion, and human enrichment. The connections of sport-based initiatives to community, national, and global developmental issues are explored.

Policies and Procedures for Medically Excused Absences

In order to keep students who have been medically excused from class connected with the goal of life-long wellness and a healthy lifestyle, students must complete assignments when they are excused from participation in Physical Education classes. For both short-term and long-term Medical Exclusions, students will be assigned online Physical Education. During the normally scheduled PE period the medically excused student will be assigned to a Study Hall and will complete and submit work that fulfills the Core Curriculum Standards for Physical Education.

SCIENCE

Astronomy
Prerequisite: None

Grade Level 11-12
2.5 Credits

Astronomy is the study of stars, planets, comets, and galaxies and the phenomena that exist outside the Earth's atmosphere. Students will study astronomy in an active, participatory manner, similar to research scientists. Topics discussed will involve some knowledge of basic chemistry and physics. Astronomy gives students an opportunity to investigate answers to questions that are as old as mankind itself. As one of the oldest sciences, its roots trace back through time to prehistoric cultures. The science of astronomy explores the events and phenomena that occur beyond our own planet.

Contemporary Biology
Prerequisite: None

Grade Level 9-12
6 Credits

Contemporary Biology is a college preparatory course. Although this course addresses the concepts found in the traditional biology course, the emphasis is on the practical, using everyday experiences and examples throughout its presentation. This is accomplished through numerous laboratory experiences, demonstrations, hands-on activities, computer assisted learning as well as major projects involving research. Thus, Contemporary Biology is a course that will provide the individual student with numerous opportunities for success while studying relevant topics such as human anatomy and physiology, plant growth and reproduction, the relationships of living things to their environment and social issues regarding the environment. Motivation is achieved through this high-interest, practical, activity-oriented curriculum. Student performance will be evaluated using a variety of assessments, including teacher-generated tests and quizzes, examinations, laboratory activities, homework, research projects, and class participation. As a summary experience, there will be two half-year examinations, which will represent 20% of the students' grades for the year.

Biology
Prerequisite: None

Grade Level 9
6 Credits

Biology is the study of life on the planet Earth. This is a standard college preparatory life science course. Among the concepts covered in the course are the structures and functions of cells, the biochemical basis of life, the characteristics of various organisms, the classification of organisms, genetics (including molecular genetics) and heredity, evolution and ecological relationships. The unity and diversity of life are emphasized. Various biological processes such as photosynthesis, respiration, circulation, digestion and nervous response are investigated. Laboratory investigations include studies of cells using the microscope, the examination of live and preserved organisms, and the analysis of genetic problems.

Biology Honors**Grade Level 9***Prerequisite: Department Recommendation or Approved Course Placement Application***6 Credits**

This comprehensive and intensive course is specifically designed for the 9th grade student who not only has an interest in science, but also has already demonstrated previous high-level achievement in science and in writing. The basic topics are similar to the Biology course; however each area in this rigorous course is treated with more in-depth study along with more advanced laboratory work. In addition to developing laboratory techniques and interpreting data, the writing up of experiments is stressed. Students are scheduled for two extended periods for laboratory work. It is expected that students who enroll in this course will be proficient readers, well organized, capable of abstract reasoning, and highly motivated.

Contemporary Chemistry**Grade Level 10-12***Pre/Corequisite: Algebra 1***6 Credits**

Contemporary Chemistry is a college preparatory course. Although this course addresses the concepts found in the traditional chemistry course, Contemporary Chemistry is designed for practical applications to life in modern society. Motivation is achieved through a high interest, practical, activity-centered approach, which includes demonstrations, laboratory experiences, and class activities in addition to the traditional lecture. Student performance will be evaluated using a variety of assessments, including teacher-generated tests and quizzes, examinations, laboratory activities, homework, research projects and class participation. As a summary experience, there will be a final examination, which will represent 20% of the students' grades for the year.

Chemistry**Grade Level 10-12***Pre/Corequisite: Algebra 1***6 Credits**

This Chemistry course serves as a comprehensive college preparatory course. The basic principles of conceptual and experimental Chemistry are emphasized, and topics of study will include the fundamentals of physical and chemical changes of matter, the theory behind chemical reactions and molecular bonding, and basic formula and equation writing. Students will develop their critical thinking and problem solving skills by applying abstract chemical concepts to extensive laboratory work. Students are also taught and encouraged to write cogent and analytical laboratory reports, thereby fostering the growth of their written communication skills. Overall, the course provides students with a solid foundation for future science courses.

Chemistry Honors**Grade Level 10-12***Prerequisite: Biology***6 Credits***Corequisite: Algebra 2 Honors**Department Recommendation OR Approved Course Placement Application*

This is a comprehensive and intensive course in experimental and conceptual chemistry. The work includes the history and methods of science and ranges over the nature of atoms, molecules, and reactions. Among the major topics are structure, nuclear chemistry, quantum chemistry, bonding, formula and equation writing, stoichiometry, change of state, thermo-chemistry, solutions, kinetics, equilibrium, and electrochemistry. Understanding the periodic table, developing laboratory techniques, interpreting data, and writing up experiments are stressed. The extensive laboratory work ranges from investigating the fundamental laws of chemical change to the analytical chemistry of acid-base titration and the determination of reaction rates. Modes of instruction include lecture, laboratory, demonstration, group discussion, and student board work. It is expected that students who enroll in this course will be able readers and proficient in basic algebra.

Environmental & Sustainability Science**Grade Level 11-12***Prerequisites: Contemporary Biology OR Biology AND Contemporary Chemistry OR Chemistry***6 Credits**

Environmental & Sustainability Science is intended to bring the outside world into the classroom in a way that engages, involves, and empowers the students – no matter what their ability levels. Environmental & Sustainability Science uses real case studies, current data, engaging inquiry activities, and rich multimedia support in order to drive home each concept. The aim of the class is to make Environmental & Sustainability Science personal, actionable, and inspiring. Students will gain an understanding of Environmental Science, current economics and environmental policy, Earth's environmental systems, ecology, humans and the environment, and how we can use Sustainability Science to ensure a livable, productive planet Earth now and for future generations.

Forensic Science Honors**Grade Level 11-12****Dual Enrollment: Syracuse University Project Advance****6 Credits***Prerequisites: Biology Honors and Chemistry Honors OR**Department Recommendation*

In this course students will discover the unique ways to analyze blood; how to deconstruct organic and inorganic evidence; the many uses of DNA; drug chemistry and toxicology; how to compare fibers, paints, glass, and soil; and much more. Lab assignments are techniques in forensic investigation, including identifying food dyes by paper chromatography, classifying carbohydrates, and performing qualitative tests for amino acids, proteins, and other chemicals. Being a fan of "CSI" is not a requirement; being a motivated student with Internet access is.

Forensic Science & Criminal Psychology*Prerequisites: Biology and Chemistry***Grade Level 11-12
6 Credits**

This full year science course will be geared towards junior and senior students with a high interest in the criminal justice system and criminalistics. This comprehensive course includes aspects of Biology, Chemistry, Physics, Anatomy and Physiology along with various other studies of science. Learning within the class will be carried out through student involvement in classroom discussions, independent case study readings, hands-on laboratory activities, student made crime scene videos along with various other resources using technology. The first half of the year will encompass the field of forensic science along with the various ways to connect evidence within a crime. The second half of the year will encompass criminal psychology and investigative patterns used to identify possible suspects for a crime. Students will read articles and view documentaries on some of the most well known cases in our history and identify how criminal psychologists have learned from these cases.

Human Anatomy and Physiology Honors*Prerequisites: Biology and Chemistry***Grade Level 11-12
6 Credits**

Human Anatomy and Physiology is a college preparatory course designed for the Junior or Senior student with a genuine interest in the biological sciences, or a strong interest in a possible career choice for which a background in Anatomy and Physiology might be of value. The course will be targeted at the general level student at Mountain Lakes, so that, with appropriate effort, most of our students could successfully complete the course. Human Anatomy and Physiology will be a survey of human systems, their functions, and mechanisms of action. Emphasis will be placed on integration of systems, homeostatic mechanisms, and failures of those mechanisms that lead to disease. Laboratory activities will be an integral part of the course, and will include dissections, mechanical, and chemical activities, as well as cardiovascular and pulmonary activities related to exercise and fitness. Topics covered will include a review of cell biology, the integument, muscle anatomy and physiology, the nervous system, the senses, the cardiovascular system, the excretory system, hormonal control physiology, the reproductive systems, and human development. NOTE: Students who may have struggled in Biology and/or Chemistry will have difficulty in this course.

Physics*Prerequisite: Biology and Chemistry**Pre/Corequisite: Algebra 2***Grade Level 11-12
6 Credits**

This is a college preparatory course in physics, which is designed to interest and benefit all students. The student explores topics such as space, time, motion, energy, light, waves, sound, electricity and modern physics by means of a variety of activities. Included are laboratory experiments, numerous demonstrations, and computer-aided experiments.

Physics & Concepts*Prerequisites: Biology and Chemistry**Corequisite: Algebra 2***Grade Level 11-12
6 credits**

Physics & Concepts is a laboratory-based physics course that is writing intensive. Standard topics in mechanics, thermodynamics, waves, optics, electricity, magnetism, and modern physics will be covered. The course will require some use of algebra and geometry but the emphasis will be on written descriptions of the physics of everyday phenomena.

AP Biology*Prerequisite: Biology Honors or Department Recommendation***Grade Level 11-12
6 Credits**

The Advanced Placement Biology course is a rigorous course for those students who have a background, ability and motivation to take a first-year college biology course. The syllabus is outlined in the CEEB Advanced Placement Course Description booklet. In-depth studies and experimentation will prepare students for the Advanced Placement Examination in order for them to qualify for college credit and/or placement. Extensive laboratory sessions are scheduled relating to topics covered in lecture and discussion periods are included. Major areas of study include molecular, cellular, organism, and populational biology. Students who enroll in AP Biology are expected to register for and take the AP Biology Exam.

AP Chemistry*Prerequisites: Chemistry Honors or Department Recommendation***Grade Level 11-12
6 Credits**

The AP Chemistry course is essentially a first-year college chemistry course designed to prepare the student for the Advanced Placement Examination. The content includes the items specified in the CEEB Advanced Placement Course Descriptions booklet. Specifically, the course involves review and elaboration of principles encountered in chemistry and physics, especially in the area of atomic structure, bonding, equilibrium, and kinetics, thermodynamics and electrochemistry. Students are expected to spend at least six hours a week in textbook study, problem solving and laboratory reports outside of class. Students who enroll in AP Chemistry are expected to register for and take the AP Chemistry Exam.

AP Environmental Science

*Prerequisites: Department Recommendation
OR Biology Honors and Chemistry Honors;
Algebra 2 Honors or Algebra 2 Advanced*

**Grade Level 12
6 Credits**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

The AP Environmental Science course is an excellent option for any interested student who has completed two years of high school honors laboratory science — one year of honors life science and one year of honors chemistry. Due to the quantitative analysis that is required in the course, students should also have completed an Algebra II course (Enriched or Honors). The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. Students who enroll in AP Environmental Science are expected to register for and take the AP Environmental Science Exam.

AP Physics 1

*Prerequisites: Biology Honors, Chemistry Honors, and Algebra 2 Honors OR
Department Recommendation OR Approved Course Placement Application*

**Grade Level 11-12
6 Credits**

AP Physics 1: Algebra-based is the equivalent of a first-semester college course in algebra-based physics that is designed to be taught over a full academic year. Having a full year enables AP teachers and students to develop a deep understanding of the content and to focus on applying their knowledge through inquiry-based laboratory experiences. The full year also allows time for inclusion of physics content specified by New Jersey State standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. Students who enroll in AP Physics 1 are expected to register for and take the AP Physics 1 Exam.

AP Physics 2

*Prerequisites: AP Physics 1 OR Department Recommendation
OR Approved Course Placement Application
Corequisite: Calculus or AP Chemistry and Calculus*

**Grade Level 12
6 Credits**

AP Physics 2: Algebra-based is the equivalent of a second-semester college course in algebra-based physics that is designed to be taught over a full academic year. Having a full year enables AP teachers and students to develop a deep understanding of the content and to focus on applying their knowledge through inquiry-based laboratory experiences. The full year also allows time for inclusion of physics content specified by New Jersey State standards. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Students who enroll in AP Physics 2 are expected to register for and take the AP Physics 2 Exam.

AP Physics C

*Prerequisites: AP Physics 1 OR Department Recommendation
OR Approved Course Placement Application
Co-requisite: AP Calculus AB or BC*

**Grade Level 12
6 Credits**

There are two AP Physics C courses — Physics C: Mechanics and Physics C: Electricity and Magnetism, each corresponding to approximately a semester of college work. Mechanics is typically taught first, followed by Electricity and Magnetism. The courses are taught over the course of a year, with approximately equal time given to each. Both courses will utilize guided inquiry and student-centered learning to foster the development of critical thinking skills and will use introductory differential and integral calculus throughout the course. Permission of instructor is required for admittance into this course. Physics C: Mechanics will provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Physics C: Electricity and Magnetism will provide instruction in each of the following five content areas: electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. Students who enroll in AP Physics C are expected to register for and take both AP Physics C Exams.

SOCIAL STUDIES

World Cultures

Prerequisite: None

**Grade Level 9
5 Credits**

In World Cultures, students will examine the geography, history, religions, ideologies, societies, cultural characteristics and current events/issues for five regions of the world, all of which were colonized or otherwise influenced by Europeans in the 16th through 20th Centuries: Latin America, South Asia, Africa, the Middle East, and East Asia. The course emphasizes historical breadth in connecting ancient to pre-modern and modern materials, seeking deep understanding of unique features of non-Western societies, global awareness, an appreciation of cultural diversity and the development of critical thinking (especially interpretation of primary sources), research, and writing skills. Students wishing to pursue honors-level study in 10th grade must complete the optional 9th grade portfolio.

United States History 1

Prerequisite: None

**Grade Level 10
5 Credits**

This is a survey course in American history from colonial times to the closing of the American frontier after the Civil War. Extensive use is made of primary sources and digital materials. Although the emphasis is primarily historical, some attention is given to the cultural trends in American society. A wide range of evaluative techniques are used.

United States History 1 Honors

Prerequisite: Department Recommendation and Approved Honors Portfolio

**Grade Level 10
5 Credits**

This is a survey course in American history from colonial times to the closing of the American frontier after the Civil War. Skill development emphasis is placed on reading, composition and discussion. Extensive use is made of primary sources and digital materials. Project and presentation opportunities are numerous and varied. A wide selection of evaluative techniques is employed. Only students who complete the World Cultures Portfolio will be matriculated in this course.

United States History 2

Prerequisite: United States History 1

**Grade Level 11
5 Credits**

A sequel to United States History I, this course surveys American history from the turn of the 20th century to the present. The major theme of the course is the economic and global reach of the United States from the late Gilded Age to our current Information Age. Students will be encouraged to do in-depth work in one of the major study areas. Periodicals and audiovisual aids will be used extensively.

United States History 2 Honors

Prerequisite: United States History 1; Department Recommendation

**Grade Level 11
5 Credits**

A sequel to United States History I, this course surveys American history from the turn of the 20th century to the present. The major theme of the course is the economic and global reach of the United States from the late Gilded Age to our current Information Age. Students will be encouraged to do in-depth work in one of the major study areas. Periodicals and audiovisual aids will be used extensively. As an honors course, students will be challenged with greater reading assignments and frequent writing tasks that further develop critical thinking skills.

AP United States History 2

Prerequisites: US History 1 Honors OR Approved Course Placement Application

**Grade Level 11
5 Credits**

This rigorous survey of American history leads to both the fulfillment of the state's American history requirement and success in the American History A.P. Test. There is a heavy emphasis on both reading and writing about American history. Original source materials and scholarly interpretations are read and discussed on a daily basis. Oral participation in classroom discussion is expected of all students, and considerable effort must be devoted to the development of research and analytical papers outside of class. This program is intended for students who possess very good communication and thinking skills, and who are well motivated toward the study of American history. Students who enroll in AP United States History 2 are expected to register for and take the AP United States History 2 Exam.

Criminal Justice System in Modern America Honors

Prerequisite: Department Recommendation

**Grade Level 11-12
2.5 Credits**

The objective of this course is to provide a comprehensive overview and understanding of the United States Criminal Justice System. In context to the philosophical underpinnings of the U.S. Constitution and the historical, social, and political development of the United States, this course will examine the three major components of the criminal justice system: (1) police and law enforcement, (2) courts and adjudications, and (3) corrections. The framework of the course will evolve about the concepts of social order and control, theories of criminality, the legislation, enforcement, and adjudication of criminal laws, the remediation of criminal behavior, and the influence of public policy in the administration of justice.

Holocaust & Genocide Honors
Prerequisite: Department Recommendation

Grade Level 10-12
2.5 Credits

Holocaust & Genocide Studies (Honors Seminar) is a semester course exploring the psychological, sociological and political circumstances that have led to genocide. While the course's primary case study is the Nazi genocide of Jews and certain other minority groups during World War II, we will briefly examine other 20th century genocides such as those targeting Turkish Armenians, Bosnian Muslims, and Rwandan Tutsis. Throughout the course, we will consider explanations of why these events happened, and explore how individuals can apply these understandings to their interactions with other people and their participation in civic/political life, with a view toward reducing the likelihood of future genocide.

Legends, Myths, and Folklore in History
Prerequisite: World Cultures

Grade Level 10-12
2.5 Credits

Throughout history, people have told stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Legends, myths, and folklore have provided a way for these colorful stories to spring to life for thousands of years. This course will explore some of history's greatest stories from various world cultures from the Old Norse myths of the Vikings, to Ancient Greek mythology; Japanese traditional folktales to Caribbean folklore; indigenous American legends of the Aztecs to West African fables. Even our own state of New Jersey is host to some unique legends of its own. Students will journey with age-old heroes as they slay dragons, outwit gods, defy fate, fight endless battles, and outwit clever monsters with strength and courage. You'll explore the universality and social significance of myths and folklore and see how these powerful tales continue to shape society even today.

Personal and Business Law
Prerequisite: None

Grade Level 10-12
2.5 Credits

This course examines the relationship between personal ethics, business ethics and the law. The course begins with an overview of where laws originate. Topics include sources of law, types of crimes, tort law, the dual court system, and current events in the field of law. There will also be a practical application of law in relation to individuals and businesses. These topics include contracts, consumer protection, intellectual property, patents, copyrights, trademarks, telemarketing, employment law and equal protection rights of workers. Current, historical and simulated cases of law will be discussed. The use of debates, discussions, role-playing exercises and other group activities will help students meet the objectives of the course.

Philosophy Honors
Prerequisite: Department Recommendation

Grade Level 11-12
2.5 Credits

Western Civilization & Philosophy, inspired by the "Great Books" model of instruction in classic texts, complements the four year MLHS English Literature/Language Arts and Social Studies curriculum by giving students a foundation in the main threads of Western thought from the Ancient through Modern periods. The first half of the course focuses on Ethics, Values, and Epistemology/Theory of Knowledge while the second half of the course focuses on Politics and Economics. Students also get exposure to liberal arts fields in anticipation of exploring future college majors such as Philosophy, Economics, Classical Studies, Anthropology, and Political Science. Finally, it almost goes without saying that the course, above all, provides students the opportunity to think deeply about the core values and perspectives underlying the major contemporary political, ethical, and social discussions facing modern democracies and prepares them to participate in those discussions as informed citizens.

Psychology/Human Behavior
Prerequisite: None

Grade Level 10-12
2.5 Credits

This course will examine selected topics dealing with human behavior in order to provide students with an understanding of how such social science disciplines as Sociology, Anthropology and Psychology investigate behavior. The areas to be covered will include the following: perception, thought, language, learning, the factors affecting intelligence, the cycle of life from childhood to old age, the brain, personality and behavior.

AP Art History
Prerequisite: World Cultures AND Department Recommendation OR
Co-requisite: U.S. History I Honors
Grades 11 and 12: Completion of an Honors Social Studies course

Grade Level 10-12
5 Credits

This course is designed to be similar to an introductory college-level course in art history. The major focus of the course shall include both Western and non-Western art. Emphasis shall be placed in the fields of architecture, sculpture, painting, and other art forms within their historical and cultural contexts. Students will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see and experience. No prior exposure to art history is required. However, students who have done well in other courses in the humanities, such as history and literature, or in any of the studio arts are especially encouraged to enroll. The course also prepares students for the national Advanced Placement examination that affords students to earn college credits with a passing score. Students who enroll in AP Art History are expected to register for and take the AP Art History Exam. This course does not meet the graduation requirement for Fine Arts.

AP Economics (Micro/Macro)**Grade Level 12
5 Credits***Prerequisite: Department Recommendation OR completion of AP US History 2**Pre/Corequisite: Calculus, AP Calculus AB, AP Calculus BC, AP Statistics or Honors Multivariable Calculus*

This full-year course offers two separate programs of study in economics: one in AP Microeconomics and AP Macroeconomics. The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Upon completion of this full-year course, students are recommended to take one or both AP exams in May. A separate score is reported for each. Students who enroll in AP Economics are expected to register for and take both AP Economics Exams.

AP European History**Grade Level 11-12
5 Credits***Prerequisite: Department Recommendation OR completion of an Honors Social Studies course*

This college freshman level course surveys and interprets the evolution of Western Civilization from the Renaissance to the present, examining political, socio-economic and cultural trends. Special attention is given to the emergence of strong nation-states, revolutions and contemporary problems resulting from global wars. Non-western civilizations are examined in terms of their interaction with the west. Students should be highly motivated and possess superior writing skills. Depending on the college or university, students may earn college credits by passing the Advanced Placement Examination prepared by the College Board. Students who enroll in AP European History are expected to register for and take the AP European History Exam.

AP United States Government**Grade Level: 11-12
5 Credits***Prerequisites: Department Recommendation OR completion of an Honors Social Studies course*

AP U.S. Government and Politics is a full-year, introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Starting in 2020, we will no longer offer the AP Comparative module. Students who enroll in AP United States Government are expected to register for and take the AP United States Government Exam.

AP World History: Modern**Grade Level 10-12
5 Credits***Prerequisite: Department Recommendation OR**Grade 10: Successful completion of World Cultures AND completion of the World Cultures portfolio**Grades 11 and 12: Completion of an Honors Social Studies course*

This college freshman level course offers motivated students the opportunity to immerse themselves in global history with a balanced curriculum that covers Africa, the Americas, Asia, Europe and Oceania. Building on content and skills from Freshmen World Cultures, students will develop an even greater understanding of the evolution of global processes and contacts in different types of human societies. Depending on the college or university, students may earn college credits by passing the Advanced Placement Examination prepared by the College Board. Rising sophomores who matriculate for this course must complete the World Cultures portfolio. Students who enroll in AP World History are expected to register for and take the AP World History Exam.

Online Economics**Grade Level 10-12
2.5 Credits***Prerequisite: None*

Online Economics is a one-semester introduction to the basics of personal financial issues. Economics vocabulary, factors of production, supply and demand, determination of price, saving and investment, entrepreneurship, marketplace functions, employment and productivity, money and monetary policy, stock market operations, and other fundamentals of capitalism will be studied. The course will take place completely online and student learning will be completely independent. Key concepts will be explained through streaming video from the Annenberg Collection and Econ Alive! resources. Students must complete both long-term and short-term homework assignments that encourage them to learn the material on their own, fostering independence and initiative.

VISUAL ARTS

Foundations of Art

Prerequisite: None

Grade Level 9-12
5 Credits

As the prerequisite for all other courses in visual art, Foundations of Art provides an understanding of an array of skills and techniques. Students are introduced to drawing skills, color theory, and the principles of two- and three-dimensional design. Areas of investigation include perspective, portraiture, figure drawing, and still life. A variety of techniques will be explored. Approaches to design, the use of direct observational drawing technique and composition will be emphasized. As skills develop, students will continue in their exploration of various media and techniques including drawing, printmaking, painting, mixed media, ceramics, and sculpture. Throughout the course, production activities using a wide variety of media will focus on the development of drawing skills, craftsmanship, and self-expression.

2D Art: Drawing and Painting

Prerequisite: Foundations of Art

Grade Level 10-12
2.5 Credits

This course offers exploratory and focused experiences related to drawing and painting. The students will use a wide variety of media, including pencil, charcoal, chalk and oil pastels, acrylic paints and watercolors. The emphasis of this course is to build skill competency while promoting individual growth and creativity. The students will work with a variety of visual references, including the still life, photo resources, and life drawing as they build a strong background of skills and techniques, working toward expanding their personal creative abilities and imagination.

3D Design and Ceramics

Prerequisite: Foundations of Art

Grade Level 10-12
2.5 Credits

3D Design and Ceramics I is a course designed for the student who is interested in a variety of three-dimensional media to produce both functional and nonfunctional 3D art. It includes an exploration of various methods of ceramic hand-building, an introduction to the use of the potter's wheel, the creation of ceramic sculpture, experimentation with the various methods of handling clay, understanding the properties of glazes, a study of the history of ceramic art, and the contemporary uses of clay as well as basic scientific principles of ceramic art. Students will explore a variety of 3D design and sculpture concepts including mass, volume, form, plane, light, texture, and function. These concepts will be reinforced through a range of styles, creative approaches, techniques, and media. Working artists of today will be introduced, as well as key historical art figures.

Contemporary Crafts

Prerequisite: Foundations of Art

Grade Level 10-12
2.5 Credits

A creative course for the student who desires a hands-on experience in art, Contemporary Crafts will be enriching to fine arts majors as well as those seeking to enhance their high school year by learning new skills through creative experiences. The course will acquaint the student with a variety of art experiences, which may include jewelry/metals, fiber arts, functional art, clay, or printmaking. The course will explore traditional approaches in each area studied, as well as the contemporary attitudes that are setting new trends in the art world today.

Digital Media Arts and Design

Prerequisite: Foundations of Art

Grade Level 10-12
2.5 Credits

Digital Media Arts and Design I provides an understanding of an array of skills and techniques. Students are introduced to digital methods of imaging. A variety of techniques will be explored. Approaches to design include an understanding of how design can communicate, promote, persuade, inform, and motivate a consumer to act. Approaches to digital imaging include developing technical skills, considering point of view, artistic direction, and photo editing. Throughout the course, production activities using a wide variety of media will focus on the function of digital visual arts for global communication. Importance will be placed on student growth in aesthetic awareness, compositional understanding, and individual creative expression.

Art Portfolio Development Honors

Prerequisite Options:

- 1) Two full years of art instruction including any combination of Foundations of Art **AND** 2D Art: Drawing and Painting; Digital Media Arts and Design; or 3D Design and Ceramics; **OR**
- 2) Teacher Recommendation **AND** Foundations of Art

Grade Level 10-12
5 Credits

This course will offer students the opportunity to become immersed in a variety of artistic media and techniques. Possible areas for in-depth exploration include painting, drawing, printmaking, and three-dimensional design. Students will strive to develop a comprehensive portfolio for eventual submission to the College Board Advanced Placement Studio Art program, as well as for inclusion in their college application materials. A summer assignment prior to entry into the course must be completed.

AP Studio Art

Prerequisite: Art Portfolio Development Honors OR

*5 Credits in Visual and Performing Arts completed at MLHS during the regular academic calendar year
AND Department Recommendation based upon presentation of an Art Portfolio*

**Grade Level 11-12
6 Credits**

Advanced Placement Studio Art is an intensive, full-year course designed for the student who has satisfied the prerequisite coursework. This course addresses advanced concepts in drawing, color theory, painting, computer-generated design, printmaking, mixed media, or two- and three-dimensional design. As prescribed by the College Board, the course will result in the development of a portfolio by each student. All students enrolled in AP Studio Art are expected to prepare a portfolio suitable for submission to the College Board. Prior to entry into the course, each student must present a portfolio of work to the department. Students must also work over the summer in preparation for the course. Students are permitted to enroll in AP Studio Art during two different academic calendar years as long as they vary their concentrations. Students who enroll in AP Studio Art are expected to register for and take the AP Studio Art Exam.

WORLD LANGUAGES

American Sign Language (ASL) 1

Prerequisite: None

**Grade Level 9-12
5 Credits**

American Sign Language is a visual language with vocabulary, grammar, idioms, and syntax different from English. This course focuses on the development of conversational sign-language skills and the grammatical structure of American Sign Language. Students are exposed to a variety of sign systems and modes of communication used by the Deaf community. This course introduces the history of sign language and the importance of Deaf culture. Class participation is an integral part of the course.

American Sign Language (ASL) 2

Prerequisite: American Sign Language 1

**Grade Level 10-12
5 Credits**

This is the second course of our three-year ASL program. Students will add to their study of ASL vocabulary and increase proficiency in expressive and receptive conversational skills using more complex grammatical structures. Students will continue to learn about Deaf culture, and Deaf history. ASL has no vocal component; therefore, when students are utilizing the language there will be no voicing allowed. Class participation is an integral part of the course.

American Sign Language (ASL) 3 Honors

Prerequisite: American Sign Language 2

**Grade Level 11-12
5 Credits**

This is the culminating course of our three-year ASL program. Students will add to their study of ASL vocabulary and increase proficiency in expressive and receptive conversational skills using more complex grammatical structures. Students will continue to learn about Deaf culture, and Deaf history. ASL has no vocal component; therefore, when students are utilizing the language there will be no voicing allowed. Class participation is an integral part of the course.

English as a Second Language (ESL)

Prerequisite: None

**Grade Level 9-12
2.5 or 5 Credits**

The English as a Second Language Program provides an opportunity for those students needing assistance in learning the English language. The purpose of the program is to provide students with sufficient fluency in all areas of English to be successfully integrated into the mainstream school program. The program is offered in the high school one period each day for the entire school year. Students enter the program through testing and exit upon becoming English proficient.

French 1

Prerequisite: None

**Grade Level 9-11
5 Credits**

The primary goal of French 1 is to guide students as they acquire linguistic proficiency and cultural sensitivity. By interweaving language and culture, the level 1 Curriculum seeks to broaden students' communication skills while at the same time deepening their appreciation of other cultures. Students begin to explore societal themes that challenge their own perspectives and practices. Use of the target language becomes less sheltered as students express opinions and draw inferences in the target language.

This course is composed of four thematic units. Each unit is anchored by essential questions. Instructional procedures, techniques and methods will be differentiated, interactive and authentic. The students will be exposed to and will explore a variety of informational text and electronic sources. They will apply technology in some of the following ways: conducting research, composing thoughts, sorting and organizing information, developing presentations and following web quests. Assessment will be ongoing and will include performance-based tasks, reading comprehension and writing samples that further demonstrate and confirm the acquisition of language skills.

French 2*Prerequisite: French 1***Grade Level 9-12
5 Credits**

This course will continue to emphasize the four skills of listening, speaking, reading, and writing, which were begun in Level I. Constant reentry of past lessons will be part of each new lesson. Technology will be used to enhance the topics covered. The use of past and present tenses are reinforced throughout the year along with other vocabulary and structures to enable students to express themselves more effectively. Many of the class activities incorporate cooperative practice and critical thinking, as well as opportunities to develop multicultural awareness through the study of the regions of France and French-speaking countries.

French II is composed of four thematic units. Each unit is anchored by essential questions. Instructional procedures, techniques and methods will be differentiated, interactive and authentic. The students will be exposed to and will explore a variety of informational text and electronic sources. They will apply technology in some of the following ways: conducting research, composing thoughts, sorting and organizing information, developing presentations and following web quests. Assessment will be ongoing and will include performance-based tasks, reading comprehension and writing samples that further demonstrate and confirm the acquisition of language skills.

French 3*Prerequisite: French 2***Grade Level 10-12
5 Credits**

This course will continue to emphasize the four skills of listening, speaking, reading and writing, which were begun in Levels I and II. Constant reentry of past lessons will be part of each new lesson. Technology will be used to enhance the topics covered. The use of past and present tenses is reinforced throughout the year along with other vocabulary and structures to enable students to express themselves more effectively. Many of the class activities incorporate cooperative practice and critical thinking, as well as opportunities to develop multicultural awareness through the study of the regions of France and French-speaking countries.

The primary goal of French 3 is to guide students as they continue to acquire linguistic proficiency and cultural sensitivity. By interweaving language and culture, the level 3 curriculum seeks to broaden students' communication skills while at the same time deepening their appreciation of other cultures. Students begin to explore societal themes that challenge their own perspectives and practices. Use of the target language becomes less sheltered as students express opinions and draw inferences in the target language.

French 3 Honors*Prerequisite: French 2; Department Recommendation***Grade Level 10-12
5 Credits**

This course will continue to emphasize the four skills of listening, speaking, reading, and writing, which were begun in Levels I and II. Constant reentry of past lessons will be part of each new lesson. Technology will be used to enhance the topics covered. The use of past and present tenses are reinforced throughout the year along with other vocabulary and structures to enable students to express themselves more effectively. Many of the class activities incorporate cooperative practice and critical thinking, as well as opportunities to develop multicultural awareness through the study of the regions of France and French-speaking countries. Because students are moving to an honors level, the expectation is that the pace is faster, there are more assignments and critical thinking is necessary for success.

The primary goal of French III Honors is to guide students as they continue to acquire linguistic proficiency and cultural sensitivity. By interweaving language and culture, the level 3 Honors curriculum seeks to broaden students' communication skills while at the same time deepening their appreciation of other cultures. Students begin to explore societal themes that challenge their own perspectives and practices. Use of the target language becomes less sheltered as students express opinions and draw inferences in the target language.

French 4*Prerequisite: French 3***Grade Level 11-12
5 Credits**

French 4 has two objectives – an examination of the major grammatical structures of the language and an introduction to the analysis of literary texts. Previously studied grammatical topics will be reviewed and new structure will be introduced and practiced. The student will be expected to demonstrate his mastery of this material in both oral and written form. Short stories and excerpts of novels will be read, discussed, and analyzed in French. Films and tapes will provide opportunities for further listening comprehension.

French 4 Honors*Prerequisite: French 3; Department Recommendation***Grade Level 11-12
5 Credits**

This course will continue to emphasize the four skills of listening, speaking, reading, and writing, which were begun in Levels I, II, and III. Constant reentry of past lessons will be part of each new lesson. Technology will be used to enhance the topics covered. The use of all priorly introduced tenses are reinforced throughout the year along with other vocabulary and structures to enable students to express themselves more effectively. Many of the class activities incorporate cooperative practice and critical thinking, as well as opportunities to develop multicultural awareness through the study of the francophone regions of the world. Because students are studying at an honors level, the expectation is that the pace is faster, there are more assignments and critical thinking is necessary for success. By the end of the course, students will be moving towards an intermediate-advanced level of proficiency.

The primary goal of French IV Honors is to guide students as they continue to acquire linguistic proficiency and cultural sensitivity. By interweaving language and culture, the level 4 Honors curriculum seeks to broaden students' communication skills while at the same time deepening their appreciation of other cultures. Students begin to explore societal themes that challenge their own perspectives and practices. Use of the target language becomes less sheltered as students express opinions and draw inferences in the target language.

French 5

Prerequisite: French 4

**Grade Level 12
5 Credits**

French 5 is designed for students who wish to maintain an active interest in language study. French 5 class objectives will emphasize oral communication with speaking activities about contemporary issues and current news. Informal readings will be selected from authentic material gathered from French language newspapers. Formal reading material will be chosen from a selection of short stories and poems written by French authors. A grammar review will be completed as a functional component of the communicative language learning process.

AP French Language and Culture

Prerequisite: French 4 Honors OR Department Recommendation

**Grade Level 12
5 Credits**

The first semester's emphasis is on a review of the mechanics of the French language with focus on the development of a natural, flowing style in French writing and speaking. Individualized instruction will be employed in working with each student to help overcome his/her difficulties with grammar, vocabulary, phonetics and style. Reading of unabridged works will begin. During the second semester, students will have the opportunity to broaden their knowledge of French literature through readings of such authors as Camus, Merimee, and Voltaire. Through these readings, students will study the techniques and biographical data reflected in the literary output of these major literary figures. Films and tapes will be used to broaden students' abilities to comprehend the spoken word. Students who enroll in AP French are expected to register for and take the AP French Exam.

Spanish 1

**Grade Level 9-11
5 Credits**

The goal of Level 1 courses is for students to be able to communicate in the target language using words, lists, memorized phrases and simple sentences. Level 1 courses are the foundation courses in which basic communication skills pertaining to everyday topics are learned. Students are introduced to the four basic language areas of listening, speaking, reading and writing through the use of active learning strategies, media and technology. Basic language usage and cultural awareness are developed through the sequential building of vocabulary and basic grammatical concepts. At the completion of a Level 1 course, the majority of students are expected to perform in the Novice-Mid to Novice-High range of language proficiency. Students enrolled in these courses are expected to participate in the target language activities in class.

Spanish 2

Prerequisite: Spanish 1

**Grade Level 9-12
5 Credits**

The goals of Level 2 courses are to be able to communicate in the target language in simple sentences and to handle simple transactions related to everyday life. The four language areas of listening, speaking, reading and writing continue to be developed with an emphasis on expanding vocabulary and improving the student's ability to understand and use important grammatical concepts. Language usage and cultural knowledge continue to be developed through the sequential building of the interpretive, interpersonal and presentational modes of communication. At the completion of a Level 2 course, the majority of students are expected to perform in the Novice-High range of language proficiency. Students enrolled in these courses are expected to communicate primarily in the target language in class.

Spanish Conversation & Culture 1

Prerequisite: Spanish 1

**Grade Level 9-11
5 Credits**

Spanish Communication and Cultures course reviews and expands upon the concepts learned in Spanish 1 to solidify and promote a deeper understanding of the basic language usage, cultural awareness and more complex grammar components. Students continue to work on the four basic language areas of listening, speaking, reading and writing through the use of active learning strategies, language supports, media and technology. At the completion of this course, the majority of students are expected to perform in the Novice-Mid to Novice-High range of language proficiency.

Spanish Conversation & Culture 2

Prerequisite: Spanish Conversation & Culture I

**Grade Level 10-12
5 Credits**

Basic work began in the first year. The culture of the peninsular and Latino population will be studied through video, music, dance, and student research.

Spanish 3

Prerequisite: Spanish 2

**Grade Level 10-12
5 Credits**

The goals of Level 3 courses are to be able to communicate in the target language using strings of sentences and to ask and answer questions to handle transactions of everyday life. The four language areas of listening, speaking, reading and writing continue to be

developed with an emphasis on the development of extensive vocabulary and complex grammatical forms. Cultural competencies are developed through readings, presentations and discussions. At the completion of a Level 3 course, the majority of students are expected to perform in the Novice-High to Intermediate-Low range of language proficiency. Students enrolled in these courses are expected to communicate primarily in the target language in class.

Spanish 3 Honors

Prerequisite: Spanish 2; Department Recommendation

**Grade Level 10-12
5 Credits**

The goals of Level 3 Honors courses are to be able to spontaneously produce the target language using strings of sentences and to be able to ask and answer questions to handle transactions of everyday life. Emphasis is placed on understanding and using complex grammatical forms and on the acquisition of extensive vocabulary. Students continue to develop proficiency in the four language skills: listening, speaking, reading and writing and to develop linguistic and cultural competence through the sequential building of interpretive, interpersonal and presentational skills. At this level, students are challenged with more intensive and extensive communicative experiences. At the completion of a Level 3 Honors course, the majority of students are expected to perform in the Intermediate-Low to Intermediate-Mid range of language proficiency. Students enrolled in these courses are expected to communicate in the target language in class.

Spanish 4

Prerequisite: Spanish 3

**Grade Level 11-12
5 Credits**

The goals of Level 4 courses are for students to be able to communicate and produce the target language by using strings of sentences and simple paragraphs, to ask and answer questions, offer opinions, summarize, compare, contrast, and perform oral or written simple analysis on a given topic. The fourth level of language study is based on activities that develop proficiency in the four communicative skills: listening, speaking, reading and writing. There is extensive study of culture and the development of literacy skills (listening, speaking, reading and writing) at this level. Communicative competence and extensive cultural knowledge are developed through the sequential building of the interpretive, interpersonal and presentational modes of communication. At the completion of a Level 4 course, the majority of students are expected to perform in the Intermediate-Low to Intermediate-Mid range of language proficiency. Students enrolled in these courses are expected to communicate primarily in the target language in class.

Spanish 4 Honors

Prerequisite: Spanish 3; Department Recommendation

**Grade Level 11-12
5 Credits**

The goals of the Level 4 Honors course is to be able to use complex grammatical forms to discuss cultural concepts and to be able to spontaneously discuss opinions and other abstract ideas. This course focuses on the acquisition of extensive vocabulary, the in-depth study of culture, the development of literacy skills (listening, speaking, reading and writing), and preliminary preparation for the Advanced Placement course. All learning activities are designed to further develop communicative competence in the three modes of communication: the interpretive, interpersonal and presentational modes and to strengthen listening, speaking, reading and writing skills. At the completion of a Level 4 Honors course, the majority of students are expected to perform in the Intermediate-Mid to Intermediate-High range of language proficiency. Students enrolled in these courses are expected to communicate in the target language in class.

Spanish 5

Prerequisite: Spanish 4

**Grade Level 12
5 Credits**

The goals of the fifth level of language and culture study are for students to be able to further develop proficiency in the interpersonal and presentational modes of communication at a pre-advanced level. Students research and present projects on topics of current interest to sharpen and build their communicative skills in the language areas of listening, speaking, reading and writing. Current topics of interest are researched and discussed through various media that include technology, websites, books, videos, and other authentic print and non-print materials. At the completion of a Level 5 course, the majority of students are expected to perform in the Intermediate-Mid to Intermediate-High range of language proficiency. Students enrolled in these courses are expected to communicate in the target language in class.

AP Spanish Language and Culture

Prerequisite: Spanish 4 Honors OR Department Recommendation

**Grade Level 12
5 Credits**

Advanced Placement Language and Culture courses are designed for the students who wish to receive credit or advanced standing in college. This course prepares students to take the Advanced Placement exam in Spanish. Students who enroll should possess a solid command of grammar and competence in listening, speaking, reading and writing the target language. AP courses reflect interest in the arts, current events, literature and sports shared by the students and teacher. Extensive training in the organization and writing of compositions is included. At the completion of an Advanced Placement course, the majority of students are expected to perform in the Intermediate-High to Advanced-Low range of language proficiency. Students enrolled in these courses are expected to communicate in the target language in class. This course provides a valuable preparation for those students who wish to continue study in Spanish at the university level. Students who enroll in AP Spanish are expected to register for and take the AP Spanish Exam.



Mountain Lakes, New Jersey

**Course of Studies
2024 - 2025**



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DESCRIPTION OF COURSES

ENGLISH

LANGUAGE ARTS (READING) - Grade Six

The primary function of the sixth grade reading program is to provide a classroom climate of learning opportunities that will enable students to become more competent, confident and joyful learners. Literary materials such as novels, biographies, interviews, short stories, poems, magazines, newspapers, and each other's writing are provided. Comparisons, predictions, connections, and critical and creative thinking become familiar to students through literary analysis.

Students ask questions, discuss with each other in both small and large groups, value their responses, respect others interpretations, explore values, prepare and share written responses, and in the process, become critical readers and thinkers.

LANGUAGE ARTS (WRITING) - Grade Six

The sixth grade English Program is designed to promote student competence in the areas of writing, including grammar, syntax, spelling, mechanics, as well as style and writing as an art form; speaking and listening, including formal speeches and individual and group presentations; and research, including projects and inquiry based reports. Students are engaged in many projects throughout the year that promote skills in planning, organizing, researching, analyzing and evaluating. The approach for delivering instruction is based on the philosophy that education is most effective when students are engaged in meaningful activities in which they can develop skills in English while enjoying themselves. The daily activities and projects give the child the experience and skills for a sound educational foundation in the Language Arts.

LANGUAGE ARTS - Grade Seven

The seventh grade Language Arts course utilizes the research-proven structures of best practice teaching. These include but are not limited to small group activities, reading as thinking, representing to learn, classroom workshops, authentic experiences, and reflective assessment all integrated into thematic units. Through the use of whole books, primary sources, and digital materials, students use hands-on learning to develop higher order thinking skills through a deep study of a smaller number of topics. By teaching the students to connect new concepts with existing understanding, the students respond actively to explore and acquire new information so as to best shape it into meaningful knowledge.

LANGUAGE ARTS - Grade Eight

The eighth grade Language Arts program is designed to help students further develop and strengthen skills in several areas including: reading literature and informational texts, writing for various purposes and audiences, speaking and listening and language skills. The course is designed around thematic units that contain varied genres and assignments to engage the students in the learning process. Through class work, short-term assignments and long-term projects, students are actively involved in their education and are self-directed learners. To ensure that students are exposed to a wide variety of texts, students explore novels, short stories, poetry and dramas, as well as informational texts such as news articles, journals and essays. These works cover issues that transcend time and place and connect directly to the lives of the students.

Writing stems from the ideas in these works. Students write routinely over short and extended time frames for varied purposes – to persuade, inform and narrate. Mastery of specific skills is associated with each type of writing. Peer-editing, one-on-one teacher conferences, self-reflection and portfolio building are all parts of the writing process. A final writing assessment occurs through a research project that culminates in an MLA style research paper.

The use of technology is employed to produce writing that demonstrates a command of grade-appropriate language skills. Language skills are strengthened through extensive vocabulary assignments, also stemming from the texts. In addition to defining the vocabulary words, students show mastery of definitions by using these

words in their own writing assignments. A student-centered approach discussion of the literature allows students to be active participants in the learning process. Students work creatively and collaboratively with their peers to engage in small group and whole class discussions, research projects and group presentations. With a strong emphasis on reading, writing, speaking and listening, and language skills throughout the year, students are well prepared to enter high school.

MATHEMATICS

MATHEMATICS - Grade Six

The Math 6 course aligns with the New Jersey Student Learning Standards (NJSLS), building upon the knowledge gained in previous grades. This course is designed to make math relevant and rigorous for every child. Students will engage in meaningful learning experiences that enhance their ability to apply procedures efficiently, flexibly, and accurately. Additionally, they will learn to transfer these procedures to real-world problems and contexts. Teachers will differentiate the level of rigor in this course according to individual student needs.

The Grade 6 Math curriculum covers a diverse range of topics. Students will acquire a solid understanding of ratio concepts and apply ratio reasoning to solve problems. Expanding on their prior knowledge, students will interpret and calculate quotients of fractions, tackling word problems involving the division of fractions by fractions. They will also engage in dividing multi-digit numbers and performing operations with multi-digit decimals, including addition, subtraction, multiplication, and division using the standard algorithm.

Additionally, the curriculum covers the identification of common factors and multiples, extending numerical understanding to the system of rational numbers. Students will further apply and extend arithmetic principles to algebraic expressions, developing the skills to reason about and solve one-variable equations and inequalities. They will also learn to represent and analyze quantitative relationships between dependent and independent variables. Real-world applications will be explored, including areas such as surface area and volume. Moreover, students will delve into statistical concepts, fostering an understanding of variability and gaining proficiency in summarizing and describing distributions. Throughout the course, there will be a consistent emphasis on mathematical reasoning, mathematical modeling, as well as problem-solving in real-world settings.

MATHEMATICS - Grade Seven

Math 7

Math 7 aligns with the New Jersey Student Learning Standards (NJSLS), building upon the knowledge gained in previous grades. This course is

designed to make math relevant and rigorous for every child. Students will engage in meaningful learning experiences that enhance their ability to apply procedures efficiently, flexibly, and accurately. Additionally, they will learn to transfer these procedures to real-world problems and contexts. Teachers will differentiate the level of rigor in this course according to individual student needs.

The Math 7 curriculum covers a broad array of topics, including the analysis of proportional relationships for solving both real-world and mathematical problems. It extends the application of prior knowledge on operations with fractions to encompass the addition, subtraction, multiplication, and division of rational numbers. Students will leverage properties of operations to create equivalent expressions and address practical challenges through numerical and algebraic expressions and equations. They will also engage in drawing, constructing, and describing geometrical figures, elucidating the relationships between them. Problem-solving extends to real-life and mathematical scenarios, incorporating angle measurement, area, surface area, and volume. The curriculum introduces the use of random sampling for making inferences about populations and encourages informal comparative inferences between two populations. Additionally, students will explore chance processes and develop, apply, and assess probability models. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, as well as problem-solving in real-world settings.

Math 7 Accelerated

Math 7 Accelerated covers the same New Jersey Student Learning Standards (NJSLS) and topics that are taught in Math 7. However, this course advances at an accelerated pace, presenting students with more challenging coursework. Furthermore, this course serves as preparation for accelerated entry into Algebra 1 in the 8th grade. Students enrolled will not only cover the grade 7 NJSLS but will also extend their knowledge to delve into crucial algebraic topics related to the number system, expressions, and equations thereby laying a foundation for the study of Algebra. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, as well as problem-solving in real-world settings.

MATHEMATICS - Grade Eight

Math 8

Math 8 aligns with the New Jersey Student Learning Standards (NJSLS), building upon the knowledge gained in previous grades. This course is designed to make math relevant and rigorous for every child. Students will engage in meaningful learning experiences that enhance their ability to apply procedures efficiently, flexibly, and accurately. Additionally, they will learn to

transfer these procedures to real-world problems and contexts. Teachers will differentiate the level of rigor in this course according to individual student needs.

The Math 8 curriculum covers various topics. Students will delve into the number system, recognizing the existence of non-rational numbers and approximating them through rational numbers. They will gain an understanding of the properties of both rational and irrational numbers, working with radicals and integer exponents. There is also a focus on the interconnections between proportional relationships, lines, and linear equations. Students will analyze and solve linear equations, including pairs of simultaneous linear equations. Additionally, they will define, evaluate, and compare functions, utilizing functions to model relationships between quantities.

The course also extends into the realm of geometry, where students will grasp concepts of congruence and similarity using physical models, transparencies, or geometry software. Students will learn and apply the Pythagorean Theorem. Real-world and mathematical problem-solving will involve applications of these mathematical principles, particularly in determining the volume of cylinders, cones, and spheres. Statistics and probability topics include the exploration of patterns of association in bivariate data, adding a statistical dimension to the comprehensive understanding of mathematical concepts. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, as well as problem-solving in real-world settings.

Algebra 1

This traditional high school Algebra 1 course is open to students who have completed Math 7 Accelerated, as well as a small cohort of extremely high-achieving math students who qualified to skip Math 7 Accelerated.

Algebra 1 will prepare students with a solid algebraic foundation necessary for advanced mathematics courses. Students will explore the properties of the real number system and rational numbers, along with their relationships. Topics include the arithmetic of polynomials, rewriting expressions, solving systems of equations, as well as solving and representing equations and inequalities graphically. Additionally, students will study linear and quadratic functions and engage in a foundational exploration of exponential functions. The foundations of statistics, such as interpreting categorical and quantitative data, and linear models, will also be investigated. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, as well as problem-solving in real-world settings.

Geometry

This traditional high school Geometry course is open to grade 8 students who have completed Algebra 1. The course emphasizes topics inherent to the Euclidean plane and solid geometry, with a focus on using deductive reasoning and proofs to develop a conceptual understanding of geometric properties. Topics include similarity and congruence, the transformation of such figures, angle relationships, perpendicular lines, parallel lines, properties of triangles, other polygons, and circles, as well as exercises involving constructions and loci. Coordinate geometry will be developed and applied algebraically. Students will study applications in the area of 2-dimensional shapes, as well as the surface area and volume of 3-dimensional figures. Foundational trigonometry will also be explored. Throughout this course, emphasis will be placed on mathematical reasoning, mathematical modeling, and problem-solving in real-world settings.

SOCIAL STUDIES

SOCIAL STUDIES - Grade Six

The sixth grade Social Studies curriculum continues the focus of American history that began at Wildwood. Students will continue their exploration of U. S. history from the Constitutional Convention to Reconstruction (1787- 1877). During the second half of the year, the students will focus on civics education to ensure students see themselves as active citizens. The chronology of events, which occurred in the United States, is examined through a thematic approach. The concepts of society, politics, economy, industry and technology, as well as American ideals, will be traced throughout these time periods. Students will come to recognize these themes, their interplay and their impact on life in America. In the 6th grade Social Studies Curriculum students will develop skills in research and organization, geography, and historical analysis.

SOCIAL STUDIES - Grade Seven

Students explore the history of mankind from its earliest beginnings through the ancient civilizations that had a great impact upon the Western World. Special emphasis is placed on examining how the ancient civilizations of Mesopotamia, Egypt, Israel, Greece and Rome have impacted our culture and lives today. Historical content is combined with the practice of important Social Studies skills such as map reading, timeline construction, historical research, non-fiction reading and note-taking, persuasive writing and public speaking. This is the first of a two-part sequence continued in the eighth grade.

SOCIAL STUDIES - Grade Eight

The eighth grade Social Studies program constitutes the culmination of the three-year sequence of study for the middle school. Students will learn about how the world changed after the collapse of the Roman Empire exploring civilizations and cultures from around the globe between the 5th and 18th centuries CE. They will be introduced to the development of countries, governments, language, and culture while

delving deeper into how the changes they wrought continue to affect our modern world. In addition, students will learn about how the Age of Exploration and colonization continues to impact our present. While covering these groups and their interactions with one another we will consider multiple perspectives, value diversity and promote cultural understanding.

SCIENCE

SCIENCE - Grade Six

The sixth grade introductory Earth Science program focuses on five basic units of study: The Metric System, Earth in Space, Meteorology, Oceanography, and Geology. Students are engaged in labs, and problem solving activities (both indoor and out), including STEM projects.

The major goal of science in grade six is to nurture in the student an appreciation and enthusiasm for science. It shows students how earth science is incorporated into their everyday life and how ethical decision-making relates to the health of the planet.

SCIENCE - Grade Seven

The Life Science curriculum in grade seven introduces students to basic biological concepts using a “hand-on” approach. The year begins with an introduction to the scientific method, the development of controlled experiments, and metric measurement. Once these are mastered, the students discover what it really means to be “alive” by identifying the characteristics and needs of living things.

A unit on the use of the microscope allows the students’ understanding of life to move to the cellular level by studying the function of the organelles and the many processes cells must perform to keep an organism functioning. These include diffusion, osmosis, photosynthesis, cellular respirations, DNA replication, protein synthesis, mitosis, and meiosis. Basic genetics, heredity, mutations, natural selection, survival of the fittest, and evolution are taught to explain the development of and diversity among the species. The remainder of the year is spent exploring how organisms are classified and named and the characteristics that place them into particular taxonomic groups.

PHYSICAL SCIENCE - Grade Eight

Eighth grade Physical Science is an introductory course in chemistry, physics, and energy designed to provide students with a basis for

further study in the high school science courses, as well as having practical applications to the student's everyday life. Included are student activities, laboratory experiments, demonstrations, and many opportunities for written and oral expression, application of math skills, note-taking, test-taking, and media-based research.

WORLD LANGUAGES

INTRODUCTION TO LANGUAGE & CULTURE: FRENCH OR SPANISH - Grade Six

This course is designed for all students in the 6th grade as a survey in the World Languages discipline, specifically French or Spanish. The class is structured as a thirty-five day classroom experience whose goal is to expose students to the various cultural and linguistic topics that they will explore in further detail as they move forward into full-year World Language study in the 7th and 8th grades. In addition, the course will include activities that foster the goals of the district's former and current Long Range Education Plans, including our 21st Century Skills initiative.

Students entering 6th grade will have had world language instruction at Wildwood Elementary School. Wildwood's program provides their students with a full year of study in each language, allowing them to compare and make an informed decision at the end of 5th grade. Briarcliff's 6th grade World Language Course will allow students to build on their previous knowledge and empower them to make a decision in the choice of world language study going into the 7th and 8th grades.

SPANISH I - Grade Seven

Spanish Ia (grade 7) is presented as the first part of a two-year alternative curriculum to the comparable one-year curriculum offered at the high school level. Although the topics of both curricula vary little, the Spanish Ia (grade 7) course employs a style of presentation geared to the middle school student. There is more emphasis on oral communication, and less on written communication. There is also less emphasis on grammar. The course is organized in manageable increments using an on-line textbook and aims to develop linguistic proficiency, cultural awareness and study/time management skills. Achievable functional objectives are attained using a variety of instructional techniques, activities and technology. Basic study skills such as note taking, organization and time management will be covered. Evaluation of students' performance will include various

assessment strategies such as quizzes, group projects and graded assignments.

FRENCH Ia - Grade Seven

French Ia (grade 7) is presented as the first part of a two-year alternative curriculum to the comparable one-year curriculum offered at the high school level. Although the topics of both curricula vary little, the French Ia (grade 7) course employs a style of presentation geared to the middle school student. There is more emphasis on oral communication, and less on written communication. There is also less emphasis on grammar. The course is organized in manageable increments using an on-line textbook and aims to develop linguistic proficiency, cultural awareness and study/time management skills. Achievable functional objectives are attained using a variety of instructional techniques, activities and technology. Basic study skills such as note taking, organization and time management will be covered. Evaluation of students' performance will include various assessment strategies such as quizzes, group projects and graded assignments.

SPANISH Ib - Grade Eight

Spanish Ib (grade 8) is presented as the second part of the two-year alternative curriculum to the comparable one-year curriculum offered at the high school level. Although the topics of both curricula vary little, the Spanish Ib (grade 8) course employs a style of presentation geared to the middle school student. There is more emphasis on oral communication, and less on written communication. There is also less emphasis on grammar. This course is organized in manageable increments with an aim to develop linguistic proficiency, cultural awareness and study skills. Achievable functional objectives are attained using a variety of instructional techniques, activities and technology. Basic study skills such as note taking, organization and test taking will be covered. Evaluation of students' performance will include various types of assessment strategies such as tests, quizzes, class participation, and homework and group projects.

FRENCH 1b - Grade Eight

French 1b (grade 8) is presented as the second part of the two-year alternative curriculum to the comparable one-year curriculum offered at the high school level. Although the topics of both curricula vary little, the French 1b (grade 8) course employs a style of presentation geared to the middle school student. There is more emphasis on oral communication, and less on written communication. There is also less emphasis on grammar. This course is organized in manageable increments with an aim to develop linguistic proficiency, cultural awareness and study skills. Achievable functional objectives are attained using a variety of instructional techniques, activities and technology. Basic study skills such as note taking, organization and test taking will be covered. Evaluation of students' performance will include various types of assessment strategies such as tests, quizzes, class participation, and homework and group projects.

STRATEGIES INTERVENTION

STRATEGIES INTERVENTION - Grades Six, Seven, & Eight

The Strategies Intervention Program is an intervention system for students in need of academic and/or study skill support and reinforcement. Students can be eligible due to analysis of standardized test scores, general classroom observations, teacher and parent recommendations, or as a formal intervention for skill development. Students who are eligible can be instructed anywhere from one to five periods a week during Physical Education, Allied classes, PEP periods, and/or Reinforcement time. Students will have appropriate intervention from the area of weakness and/or remediation of a grade-level skill as per the content of the curriculum. Collaboration with the content area teachers provides students with optimal skill development and/or strategies to aid in student success.

SPECIAL EDUCATION

SPECIAL EDUCATION - Grades Six, Seven, Eight

Teachers in the Special Education Department work to meet the needs of each individual student, by following the guidelines set forth in each Individualized Education Program (IEP). Most Special Education teachers are assigned to various subject areas and provide In-Class Support. Most Special Education students are scheduled for Supplemental periods throughout the week where they are taught important skills necessary to help them manage the demands of their curriculum.

PHYSICAL EDUCATION

PHYSICAL EDUCATION & LEADERSHIP DEVELOPMENT

Middle school students at Briarcliff will be exposed to personal training and various individual and team sports and activities.

Personal Training

All students will be pre and post tested yearly. Beginning in sixth grade students will be introduced to foundational exercises, methods and techniques for developing their personal training repertoire. Seventh and eighth grade students will continue to build upon these areas toward individual mastery.

Sport and Cooperative Games

All grade levels will focus on life lessons learned as the main component of fair play, while developing personal skills, game strategies, and leadership through various team and individual sports and activities.

ALLIED

ART - Grades Six, Seven, Eight

Art is constantly growing and changing. Here in Briarcliff Middle School's Visual Art Program the students are challenged and given the opportunity to see what the world of art has to offer with a comprehensive, progressive program that builds on skills year after year.

In **6th Grade Art**, students are exposed to various drawing techniques to create a foundation for illustrating a range of subject matter. This foundation in drawing builds into developing painting and sculpting techniques (two-dimensional and three-dimensional art).

7th Grade Art provides students a knowledge of various techniques of urban typography from around the globe. Students will experience art as it is viewed and created through the influence of cultures in different parts of the world.

8th Grade Art helps students see the possibilities of art as a graphic design career. By combining the knowledge gained through 6th grade art foundations and their experience with typography techniques learned in 7th grade, students consider and use graphic design elements such as logo design, package design, advertising, and illustration.

Grades 6 through 8 provide comprehensive instruction and application of the elements and principles of art. Students will be able to create various works that are seen in different artistic cultures. Throughout their experience, art history is infused so that students can grasp the meanings and cultures underlying each piece they create.

LAKE DRIVE 8th PERIOD ART

In this full year course, students work on projects focusing on the elements of art and principles of design through various art mediums.

Students experience comprehensive instruction and application of the elements and principles of art. Students will be able to create various works that are seen in different artistic cultures. Throughout their experience, art history is infused so that students can grasp the meanings and cultures underlying each piece they create.

COMMUNICATIONS - Grade Seven

In today's world of excessive text messaging and electronic mail correspondence, interpersonal verbal communication skills continue to be a necessary need of instruction in our school. The 7th Communications Allied class will be taught the elements of communication and furthermore, learn how these elements satisfy one's social and professional needs and overall decision-making. The students will be able to identify the six ingredients to becoming an effective communicator, which will be assessed in a variety of speeches. These speeches include: Persuasive, Impromptu, and a demonstration speech.

COMPUTERS - Grades Six, Seven, Eight

The Allied Computers 8 week cycle course consists of units of study which emerge from the current 2020 NJSL Computer Science and Design Thinking standards, as well as the Career Readiness, Life Literacies, and Key Skills' Personal Financial Literacy standards. Using the technology tools of the Google Workspace for Education, code.org and Everfi, students study and work through units in coding, financial literacy, design thinking and digital citizenship while integrating math, science, language arts and creative arts. Students work in both small groups and independently, and have opportunities to forge ahead and/or receive extra support so that each student's potential and needs are met.

HEALTH - Grade Six

This is the beginning health class for Briarcliff students. The six-grade health class focuses on eleven different body systems; students learn the purpose and function of each system. With this health knowledge,

the students learn to respect and care for their bodies. They understand healthy eating habits and daily exercise can lead to whole body wellness.

HEALTH - Grade Seven

This course is the second part of a two-year program to give each student a greater understanding of the concept of optimum health and wellness. Seventh graders will start by reviewing the three components of health (mental, physical and emotional). Content includes resolving conflict, understanding positive and negative aspects of behavior and knowing what stress is and how it can be resolved. Students are introduced to mindfulness promoting activity, including yoga & mediation. Decision making, mental fitness, communication skills, and relationships will also be thoroughly reviewed and expanded upon. Diseases - communicable and noncommunicable, including HIV, will be included. The decision making process is emphasized, encouraging the student to make sound choices as he/she matures. Through the integration of mindfulness, the student will develop the skills necessary to help protect him/her from risk behaviors identified by the Center of Disease Control and Prevention and in turn continue their journey towards optimum health and wellness.

HEALTH - Grade Eight

The purpose of the eighth grade health course is to develop an awareness and understanding of the physical and emotional changes, which occur during adolescence. Emergency first aid and safety skills are also studied. The course is designed to foster the development of sound judgments and decision-making, especially in reference to personal fitness & diet choices and how it impacts their lives.

MUSIC - Grades Six, Seven, Eight

Allied Music is a General Music class that focuses on the fundamentals of music and music appreciation. Students use classroom instruments as well as music technology programs to explore and create music both

alone and in groups. Students also are exposed to different eras of music history, elements of music theory, and are involved in discussions on the aesthetics of music and its importance in our world.

SIGN LANGUAGE – Grade Eight

The Sign Language allied rotation course is an introduction to basic expressive and receptive Sign Language and an overview of the history of the Deaf community and “Deaf Culture.” Students will learn the Manual Alphabet and will develop a sign language vocabulary base of 250 signs or more of common conversational words and phrases. The students will explore cultural and historic events of the Deaf community through selected readings, films, news articles and class discussions.

ELECTIVES

ADVANCED ART ELECTIVE

In Advanced Art, students are able to pursue their artistic ability through independent study projects. Here, students choose their own artistic theme, and then visually communicate it through project prompts in various media including drawing, painting, mixed media, sculpture, digital painting, and graphic design. Students will study modern and historic artists to inspire their own personal work. When completed, students will have a well-crafted portfolio of various media and techniques to present for high school and art portfolio reviews. Period 9 - Students choose which 3 days of the week to attend.

BAND - Grades Six, Seven, Eight

Students that participate in the Briarcliff band program will have the opportunity to perform and experience the art of music twice a week as a large ensemble and once a week in a like-instrument lesson. Students will expand their knowledge of their instrument and further develop their technical skills. Students will also explore musical concepts such as harmony, rhythm, pitch, and musicality through performance and discussion. Students will develop vital life skills such as responsibility, compassion, and integrity. All students are welcomed regardless of experience. The students perform a winter and spring concert.

CHORUS - Grades Six, Seven, Eight

The choral program is designed to provide students with experiences which center around good choral singing. Students are challenged to examine principles of good tone production. Through diligent co-operative experiences in singing, students explore the necessary discipline required to elevate performance materials to works of art.

Diction, blend, pitch, breath control, phrasing, mood-interpretation and tone color form the foundation of concepts and skills which engage students in their efforts to honor the intentions of each composer's work. Students are expected to exhibit poise, focus and responsiveness to the conductor's gestures during performance. Moreover, students

are expected to don performance dress, in a manner directed by the conductor.

INTRODUCTION TO COMPUTER PROGRAMMING ELECTIVE - Grades Six, Seven, Eight

In this elective semester class, students will explore the introductory basics of Python, Javascript and HTML through interactive online platforms, and also work with Finch 2.0 robots. Students will have the opportunity to work collaboratively in small groups and/or independently, with teacher guidance and support. Students will work at their own pace through self-guided lessons, while improving their overall problem-solving skills and learning what is underneath “block-type” code. 9th period – MR or TW

MOVIE PRODUCTION ELECTIVE

Stop motion animation films are a huge inspiration to modern animation films today, and they have even become a respected form of film-making all on their own. Students will look into the history of stop motion and learn about the behind the scenes work required to create a stop motion animation film. Students will learn how to create character designs, environment designs, and the process of creating a storyboard. Finally, they will develop and create a complete, short, stop motion animation film. By the end of the elective course students will have a completed portfolio of their process and a short film to present. Period 9 – students choose which three days of the week to attend.

ROBOTICS ELECTIVE

Robotics is intended as an introductory course, but those experienced in robotics can take the lessons to higher levels. This course has two parts, a land-based and a water-based robotics unit. Intro to Robotics is appropriate for students who are interested in robotics and want to delve into it in more detail during the middle school years. As an introductory course the pacing is reasonable and is often flexible. Evaluation of student performance is based primarily on projects and

quizzes. The focus is on getting students comfortable with foundational concepts while getting students excited for the potential and creativity of robotics. Students will learn fundamental robotics concepts such as levers, pulleys, pendulums, gear ratios, sensors and more. Students develop logic, problem solving skills and critical thinking skills and are encouraged to think creatively and to find whatever resources are needed to solve various robotics challenges. Projects in the course are flexible enough to accommodate students at a variety of levels. Students with no previous robotics experience are welcome. Students with more experience will have opportunities to extend projects and to expand their knowledge.

The land-based robotics unit will use the VEX IQ robotics platform to build robots. The water-based robotics unit will use SeaPerch, an underwater robotics program that teaches students how to build and run an underwater Remotely Operated Vehicle (ROV). Students build the ROV from a standard kit and follow a curriculum that teaches basic engineering and science concepts with a marine engineering theme. Throughout the projects, students will learn engineering concepts, problem solving, teamwork, and technical applications.