

Mountain Lakes High School: AP Scores Analysis: 2024

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Raymond Searles, Jr., Director of School Counseling

AP Honors (2023-2024)

AP Scholar : 41 students

3 or higher on 3 or more exams

AP Scholar with Honor : 17 students

3.25 or higher on all exams and scores of 3 or higher on four or more

AP Scholar with Distinction : 68 students

3.5 or higher on all exams taken and scores of 3 or higher on five or more

AP International Diploma : 1 student

Globally recognized credential for students who embrace an international outlook

AP Capstone Diploma : 18 students

3 or higher in AP Seminar and AP Research and on 4 additional exams

AP Seminar & Research Certificate : 11 students

3 or higher in both AP Seminar and AP Research exams

English



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English: 2024 Results

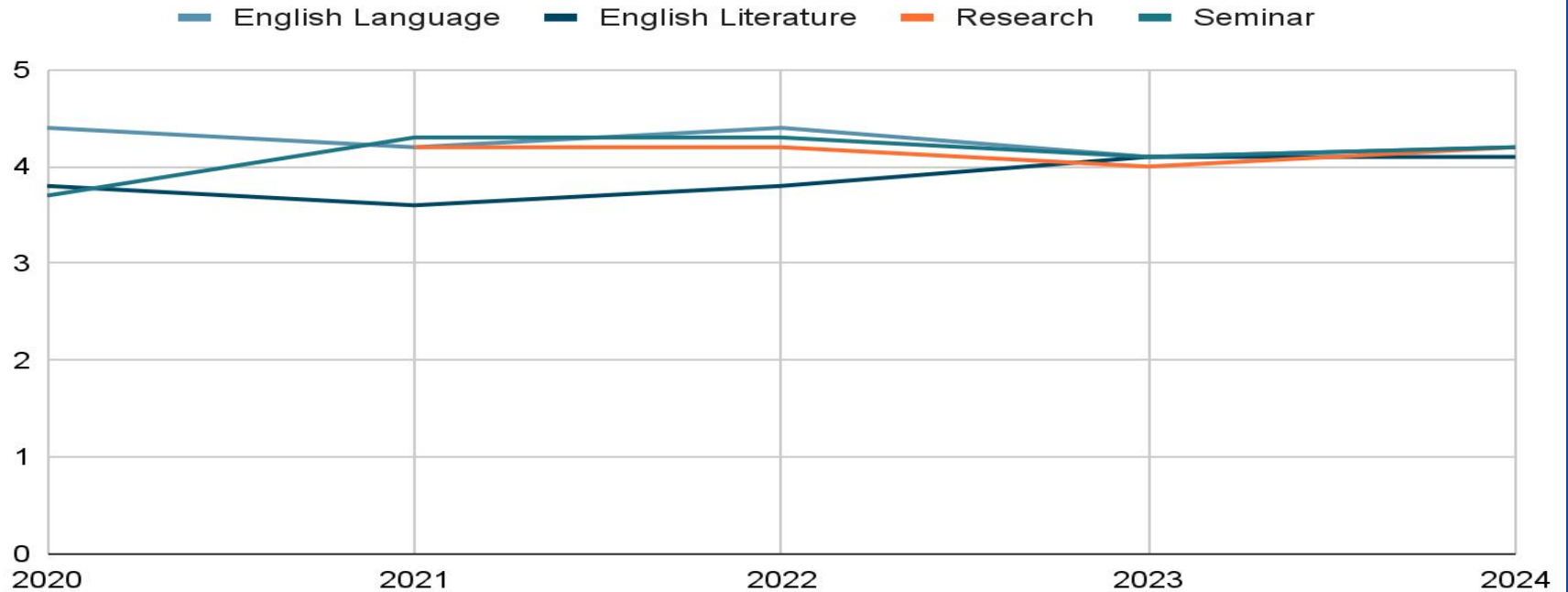
AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Exam Participation	Tested	Course Enrollment
English Language	4.19	97%	37%	42%	98%	59	60
English Literature	4.13	100%	53%	30%	44%	30	68
Research	4.19	100%	52%	33%	100%	27	27
Seminar	4.18	100%	38%	40%	100%	55	55

English: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
English Language	4.4	98%	4.2	99%	4.4	99%	4.1	97%	4.2	97%
English Literature	3.8	80%	3.6	90%	3.8	84%	4.1	100%	4.1	100%
Research	—	—	4.2	100%	4.2	100%	4.0	100%	4.2	100%
Seminar	3.7	100%	4.3	100%	4.3	100%	4.1	100%	4.2	100%

English: 5-Year Trend (Achievement)

Average AP Score



English: 5 Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam		%	Course		Exam	%		Course	Exam		%	Course	
English Language	56	57	102%	79	77	97%	66	68	103%	59	58	98%	60	59	98%
English Literature	55	10	18%	60	10	17%	85	25	29%	71	21	30%	68	30	44%
Research	–	–	–	14	14	100%	33	33	100%	32	31	97%	27	27	100%
Seminar	38	38	100%	30	30	100%	18	18	100%	29	29	100%	55	55	100%
Total/Avg.	149	105	70%	183	131	72%	202	144	71%	191	139	73%	210	171	81%

Fine Arts



Fine Arts: 2024 Results

AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Exam Participation	Tested	Course Enrollment
Music Theory	5.00	100%	100%	100%	75%	3	4
Studio Art: 2-D Art & Design	4.00	100%	100%	33%	100%	3	3

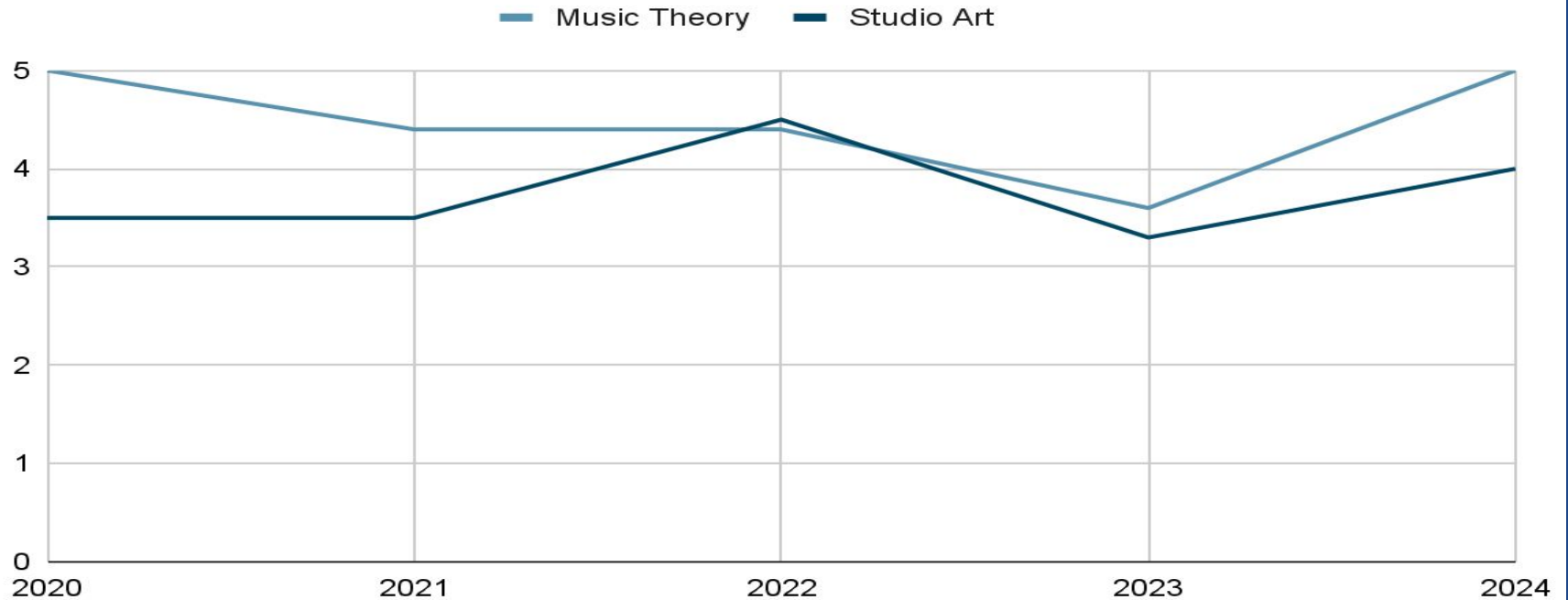
*Studio Art is one course, with three exams offered: 2D Art and Design, 3D Art and Design, and Drawing.

Fine Arts: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Music Theory	5	100%	4.4	100%	4.4	100%	3.6	88%	5.0	100%
Studio Art: 2-D, 3-D, and Drawing	3.5	100%	3.5	100%	4.5	100%	3.3	67%	4.0	100%

Fine Arts: 5-Year Trend (Achievement)

Average AP Score



Fine Arts: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
Music Theory	6	5	100%	11	10	91%	7	7	100%	9	8	89%	4	3	75%
Studio Art: 2-D, 3-D, Drawing	6	6	100%	7	6	86%	4	3	75%	4	3	75%	3	3	100%
Total/Avg.	12	11	92%	18	16	89%	11	10	91%	13	11	85%	7	6	86%

Mathematics



Mathematics- 2024 Results

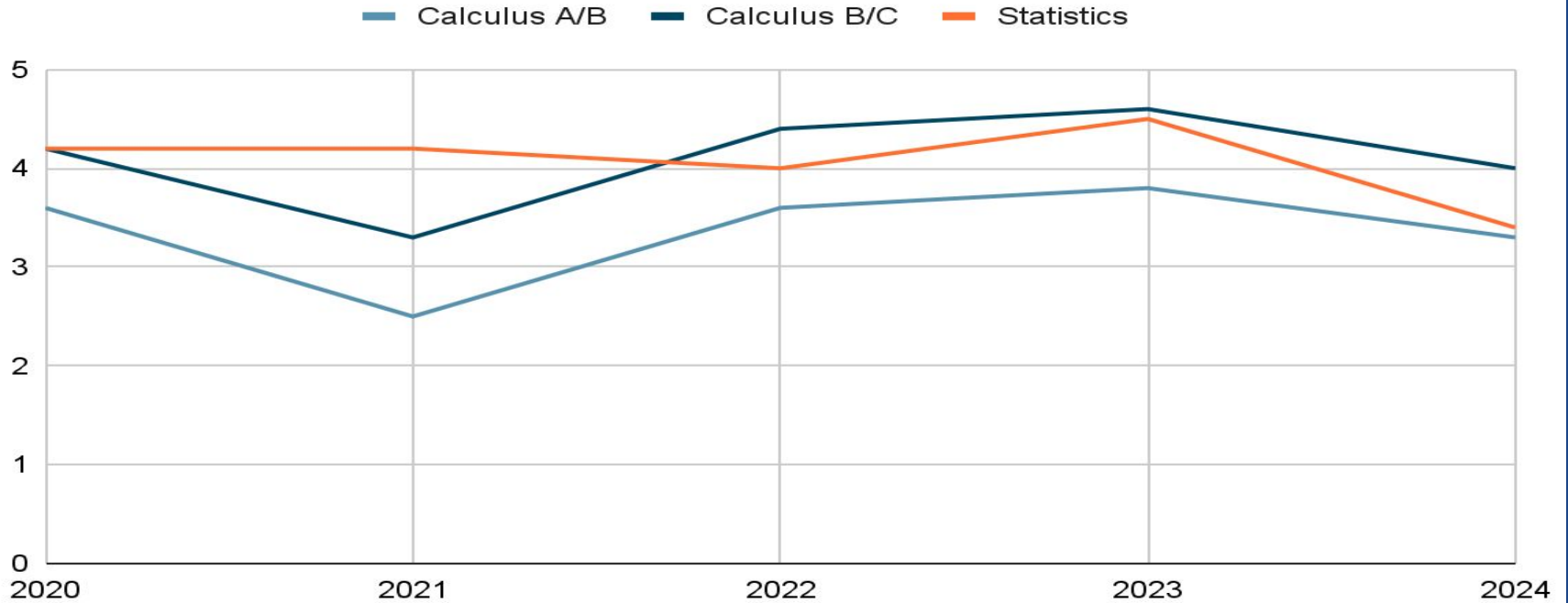
AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Exam Participation	Tested	Course Enrollment
Calculus AB	3.29	71%	38%	13%	69%	24	35
Calculus BC	4.00	83%	28%	44%	100%	18	18
Statistics	3.38	82%	31%	18%	89%	39	44

Mathematics: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Calculus AB	3.6	80%	2.5	31%	3.6	73%	3.8	93%	3.3	71%
Calculus BC	4.2	96%	3.3	61%	4.4	90%	4.6	94%	4.0	83%
Statistics	4.2	92%	4.2	89%	4.0	95%	4.5	97%	3.4	82%

Mathematics: 5-Year Trend (Achievement)

Average AP Score



Mathematics: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
Calculus AB	27	10	37%	22	13	59%	32	22	69%	34	28	82%	35	24	69%
Calculus BC	33	25	76%	41	28	68%	37	38	103%	18	17	94%	18	18	100%
Statistics	41	26	63%	55	26	47%	49	42	86%	38	33	87%	44	39	89%
Total/Avg.	101	61	60%	118	67	57%	118	102	86%	89	79	89%	97	81	84%

Practical Arts



Practical Arts: 2024 Results

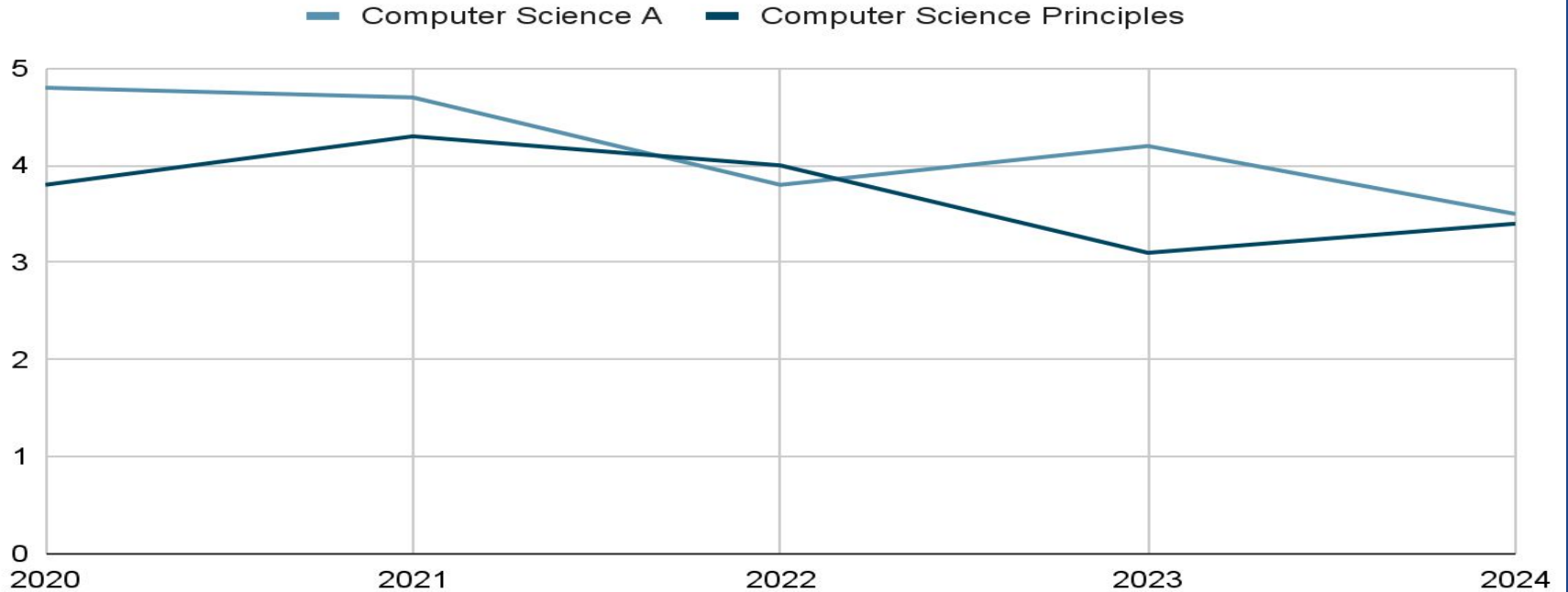
AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Exam Participation	Tested	Course Enrollment
Computer Science A	3.50	71%	29%	29%	78%	14	18
Computer Science Principles	3.35	90%	26%	10%	69%	31	45

Practical Arts: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Computer Science A	4.8	100%	4.7	100%	3.8	94%	4.2	85%	3.5	71%
Computer Science Principles	3.8	100%	4.3	83%	4.0	85%	3.1	69%	3.4	90%

Practical Arts: 5-Year Trend (Achievement)

Average AP Score



Practical Arts: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
Computer Science A	19	19	100%	20	21	105%	19	18	95%	14	13	93%	18	14	78%
Computer Science Principles	4	4	100%	20	12	60%	17	13	85%	24	16	69%	45	31	69%
Total/Avg.	23	23	100%	40	33	83%	36	31	86%	38	29	76%	63	45	76%

Science



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Science: 2024 Results

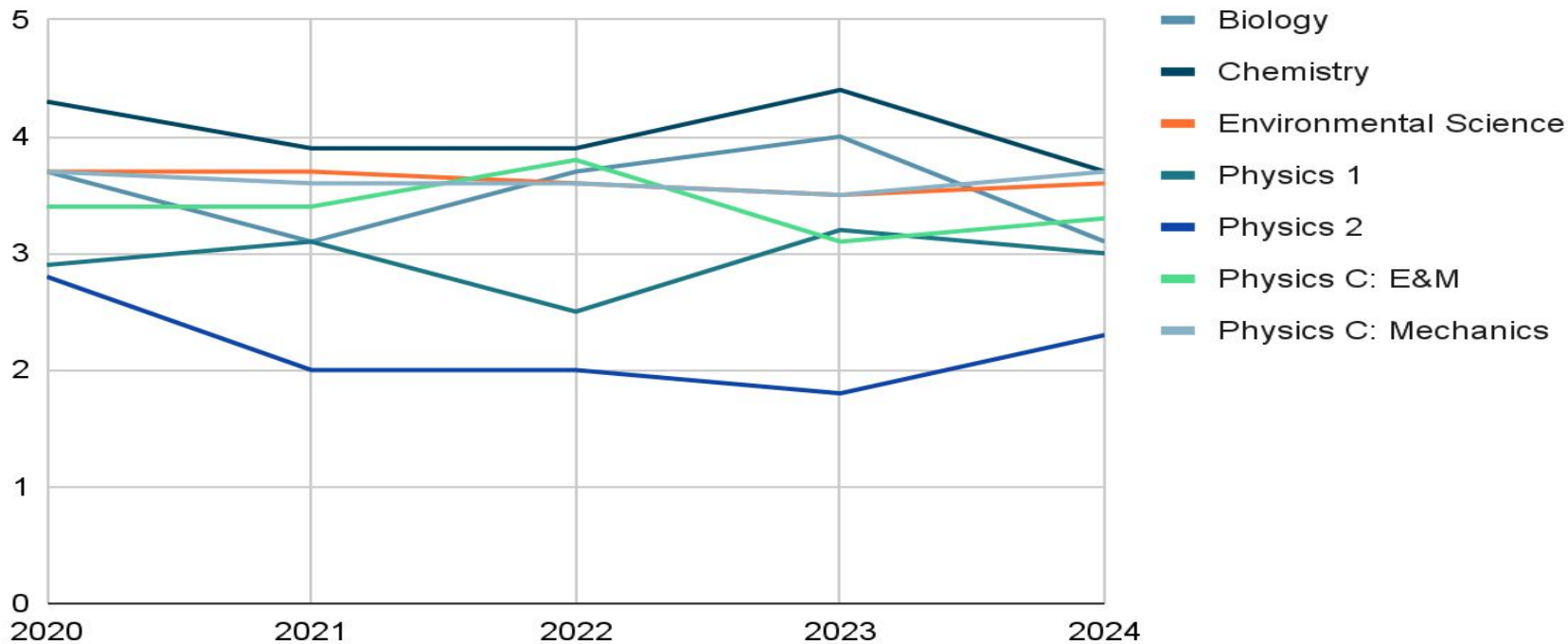
AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Participation	Tested	Course Enrollment
Biology	3.09	73%	18%	9%	58%	11	19
Chemistry	3.67	100%	33%	17%	100%	6	6
Environmental Science	3.63	83%	40%	20%	60%	40	67
Physics 1	3.04	67%	26%	11%	61%	27	44
Physics 2	2.25	50%	—	—	40%	4	10
Physics C: E&M	3.29	71%	14%	29%	35%	7	20
Physics C: Mechanics	3.73	91%	18%	36%	55%	11	20

Science: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Biology	3.7	88%	3.1	79%	3.7	86%	4.0	91%	3.1	91%
Chemistry	4.3	100%	3.9	100%	3.9	86%	4.4	100%	3.7	100%
Environmental Science	3.7	83%	3.7	89%	3.6	96%	3.5	80%	3.6	80%
Physics 1	2.9	58%	3.1	70%	2.5	46%	3.2	67%	3.0	67%
Physics 2	2.8	50%	2.0	–	2.0	–	1.8	20%	2.3	20%
Physics C: E&M	3.4	71%	3.4	80%	3.8	82%	3.1	58%	3.3	58%
Physics C: Mechanics	3.7	78%	3.6	83%	3.6	77%	3.5	80%	3.7	80%

Science: 5-Year Trend (Achievement)

Average AP Score



Science: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
Biology	38	26	68%	60	28	47%	59	44	75%	18	11	61%	19	11	58%
Chemistry	12	12	100%	19	18	95%	7	7	100%	12	12	100%	6	6	100%
Enviro. Science	24	12	50%	51	9	18%	50	22	44%	53	30	57%	67	40	60%
Physics 1	89	50	56%	75	30	40%	90	54	60%	68	43	63%	44	27	61%
Physics 2	13	8	62%	15	1	7%	15	1	7%	16	5	31%	10	4	40%
Physics C: E&M	24	14	58%	31	5	16%	29	11	38%	26	12	46%	20	7	35%
Physics C: Mechanics	24	18	75%	31	12	39%	29	17	59%	26	15	58%	20	11	55%
Total/Avg.	200	140	70%	251	103	41%	279	156	56%	219	128	58%	186	108	57%

Social Studies



Social Studies: 2024 Results

AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Exam Participation	Tested	Course Enrollment
Art History	2.83	50%	33%	—	46%	6	13
Economics: Macro	3.63	90%	23%	27%	70%	30	43
Economics: Micro	3.93	89%	37%	33%	63%	27	43
European History	4.21	95%	42%	42%	83%	19	23
U.S. Gov. & Politics	4.13	79%	21%	47%	46%	38	83
U.S. History	4.09	99%	49%	31%	98%	65	66
World History	4.82	100%	18%	82%	100%	17	17

Social Studies: 5-Year Trend (Achievement)

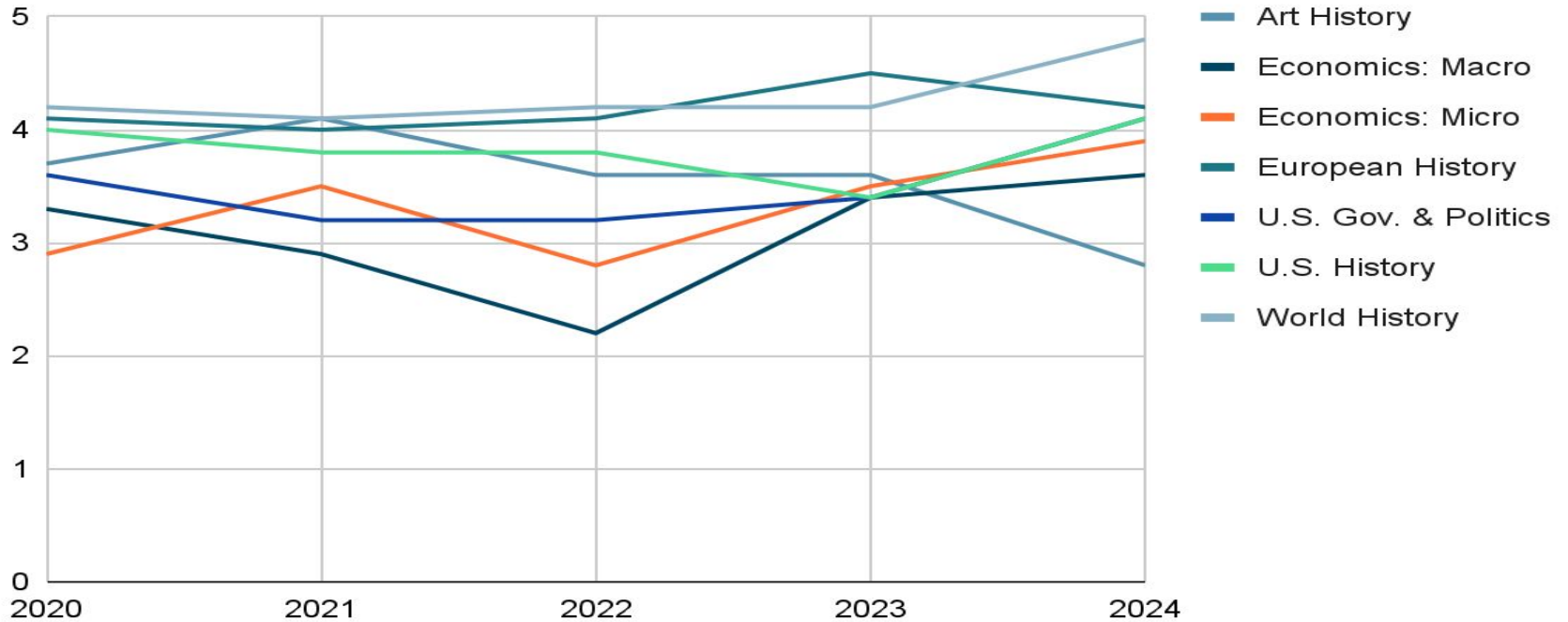
AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Art History	3.7	100%	4.1	100%	3.6	38%	3.6	86%	2.8	50%
Economics: Macro	3.3	67%	2.9	64%	2.2	27%	3.4	92%	3.6	90%
Economics: Micro	2.9	65%	3.5	77%	2.8	45%	3.5	85%	3.9	89%
European History	4.1	92%	4.0	94%	4.1	75%	4.5	100%	4.2	95%

Social Studies: 5-Year Trend (Achievement)- Cont'd

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
Gov: Comparative Gov. & Politics	3.7	85%	–	–	–	–	–	–	–	–
Gov: U.S. Gov. & Politics	3.6	84%	3.2	74%	3.2	68%	3.4	79%	4.1	79%
U.S. History	4.0	95%	3.8	87%	3.8	85%	3.4	82%	4.1	99%
World History	4.2	95%	4.1	89%	4.2	96%	4.2	95%	4.8	100%

Social Studies: 5-Year Trend (Achievement)

Average AP Score



Social Studies: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
Art History	10	7	70%	13	12	92%	24	9	38%	19	7	37%	13	6	46%
Econ: Macro	56	3	5%	50	11	22%	89	24	27%	56	24	43%	43	30	70%
Econ: Micro	56	17	30%	50	13	26%	89	40	45%	56	27	48%	43	27	63%
European History	27	13	48%	21	17	81%	28	21	75%	16	11	69%	23	19	83%

Social Studies: 5-Year Trend (Exam Participation)-Cont'd

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment		%	Enrollment		%	Enrollment		%	Enrollment		%	Enrollment		%
	Course	Exam		Course	Exam		Course	Exam		Course	Exam		Course	Exam	
Gov: Comp. Gov. & Politics*	76	20	26%	—	—	—	—	—	—	—	—	—	—	—	—
Gov: U.S. Gov. & Politics*	76	43	57%	105	61	58%	72	38	53%	83	38	46%	83	38	46%
U.S. History	82	79	96%	97	92	95%	89	85	96%	61	61	100%	66	65	98%
World History	41	39	95%	24	26	108%	23	22	96%	24	23	96%	17	17	100%
Total/Avg.	292	221	76%	310	232	75%	414	239	58%	315	191	61%	288	202	70%

World Languages



World Language: 2024 Results

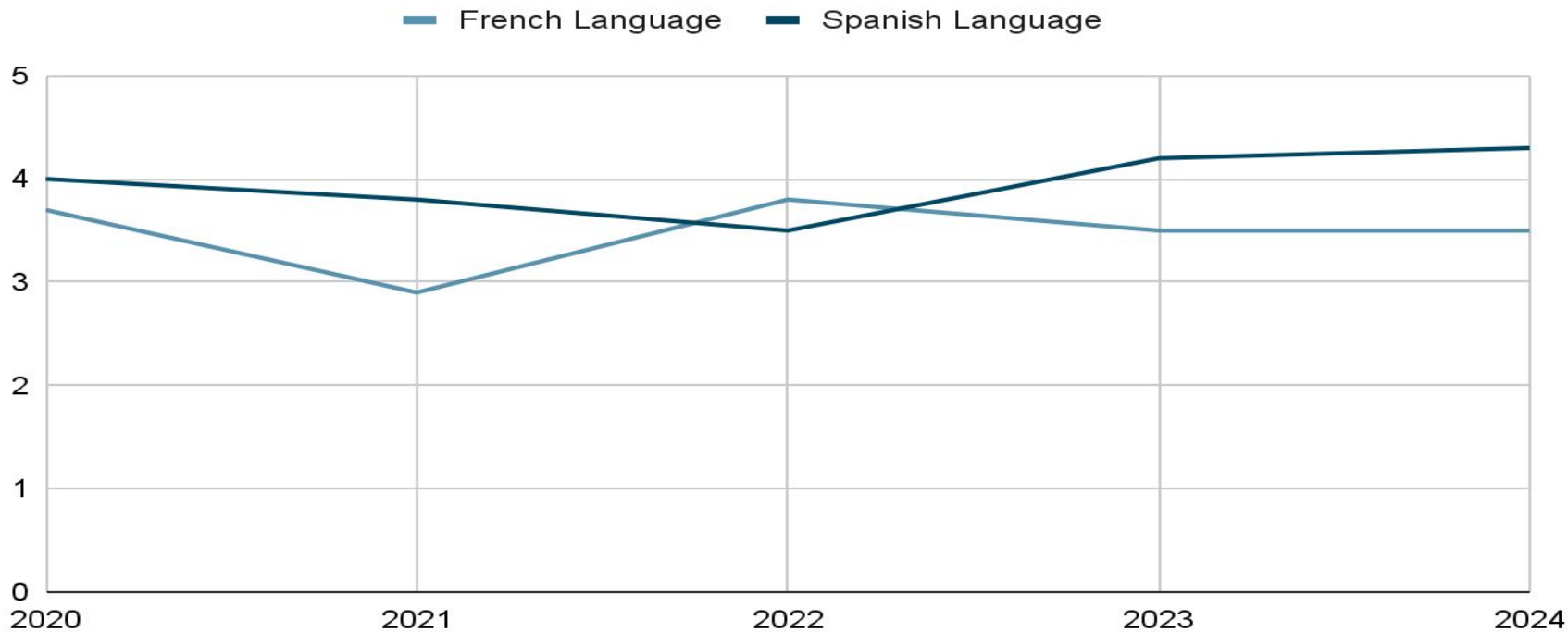
AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Participation	Tested	Course Enrollment
French Language	3.50	100%	—	25%	33%	4	12
Spanish Language	4.25	100%	50%	38%	100%	8	8

World Languages: 5-Year Trend (Achievement)

AP Course	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+	Avg. Score	% Scores 3+
French Language	3.7	100%	2.9	75%	3.8	88%	3.5	83%	3.5	100%
Spanish Language	4.0	93%	3.8	100%	3.5	100%	4.2	100%	4.3	100%

World Languages: 5-Year Trend (Achievement)

Average AP Score



World Languages: 5-Year Trend (Exam Participation)

AP Course	2019-2020			2020-2021			2021-2022			2022-2023			2023-2024		
	Enrollment			Enrollment			Enrollment			Enrollment			Enrollment		
	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%	Course	Exam	%
French Language	7	7	100%	12	8	67%	11	8	73%	10	6	60%	12	4	33%
Spanish Language	16	14	88%	15	9	60%	13	13	100%	16	13	81%	8	8	100%
Total/Avg.	23	21	91%	27	17	63%	24	21	88%	26	23	88%	20	12	60%

Self Study



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Self Study: 2024 Results

AP Course	Average Score	Percent Scored 3+	Percent Scored 4	Percent Scored 5	Tested
Chinese Language	4.50	100%	50%	50%	4
Precalculus	5.00	100%	—	100%	2
Psychology	*	*	*	*	1

Total 5-Year Trend - Across all Subject Areas

	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
MLHS Enrollment	725	699	649	601	569
Total AP Class Enrollment	948	956	956	891	871
Total AP Students Registered for Exams	250	250	253	225	226
Total Exams	587	597	697	597	628
% of AP Students with Scores 3+	91%	87%	87%	92%	93%
Participation Rate	64%	73%	73%	67%	73%

Questions?