



NJSLA Results: Spring 2023 Administrations

Mountain Lakes School District

November 6, 2023



New Jersey's Statewide Assessment



- Students were required to take:
 - NJSLA-ELA in grades 3-9
 - NJSLA-Math in grades 3-8
 - Briarcliff: Geometry, Algebra I (course enrolled in)
 - MLHS: Geometry, Algebra I, Algebra II (course enrolled in during grade 9)
 - NJSLA-Science in grades 5, 8, 11
 - NJGPA-ELA and Math for grade 11 only





NJSLA Performance Levels



- **Level 1:** Not yet meeting grade-level expectations
- **Level 2:** Partially meeting grade-level expectations
- **Level 3:** Approaching grade-level expectations
- **Level 4:** Meeting grade-level expectations
- **Level 5:** Exceeding grade-level expectations
- ❖ NJSLA-Science uses Levels 1-4 (level 3 is proficient)



Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA Administrations **English Language Arts** – Percentages



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

Grade	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Level 5 2022	Level 5 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 4 and Level 5 from 2022 to 2023
3	1	3	2	3	12	5	70	63	15	26	↑3%	↑4%
4	1	3	1	3	11	10	48	48	39	37	↑4%	↓2%
5	2	0	2	1	2	7	55	53	37	39	↓3%	0%
6	1	0	0	5	17	6	46	61	35	29	↑4%	↑9%
7	1	0	0	0	6	7	39	42	54	51	↓1%	0%
8	2	0	4	3	17	10	48	47	29	40	↓3%	↑10%
9*	4	8	4	8	27	16	44	42	22	27	↑8%	↑3%



Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.

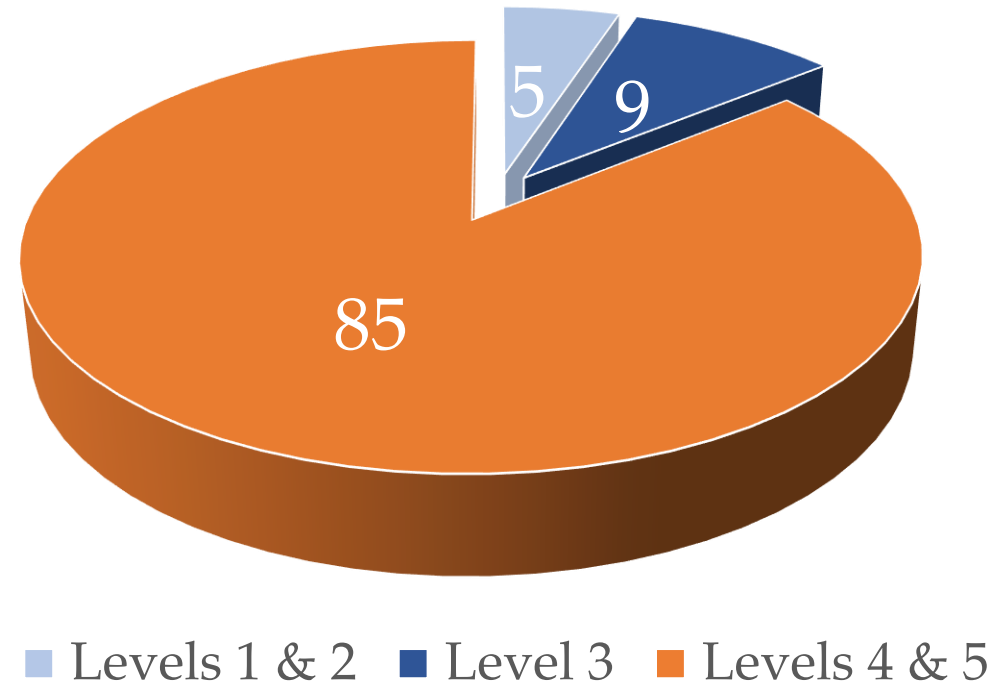
Comparison of Mountain Lakes's Spring 2023 NJSLA Administrations

English Language Arts – Percentages



Grade	Levels 1 & 2	Level 3	Levels 4 & 5
3	6	5	89
4	6	10	85
5	1	7	92
6	5	6	90
7	0	7	93
8	3	10	87
9*	16	16	69

Overall District Performance: English Language Arts



Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.

Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA Administrations **Mathematics** – Percentages



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

Grade	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Level 5 2022	Level 5 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 4 and Level 5 from 2022 to 2023
3	1	3	6	4	6	8	41	40	45	46	0%	0%
4	0	3	4	6	9	4	61	63	26	25	↑5%	↑1%
5	1	0	7	7	21	15	60	53	11	25	↓1%	↑7%
6	0	0	4	5	13	20	62	65	21	11	↑1%	↓7%
7	2	0	3	4	24	11	53	65	19	20	↓1%	↑13%
8*	10	6	23	18	55	24	13	50	0	3	↓9%	↑40%



Notes: *Some students in grade 8 participated in the NJSLA Algebra I assessment in place of the 8th grade math assessment. The NJSLA Math 8 outcomes are not representative of grade 8 performance as a whole. Percentages may not total 100 due to rounding.

Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA Administrations **Mathematics** – Percentages



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

Grade	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Level 5 2022	Level 5 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 4 and Level 5 from 2022 to 2023
Alg 1 (BC)		0		0		0		22		78		
Alg 1 (HS)		5		15		21		59		0		
Geo (BC)	0	0	4	2	27	4	53	74	17	20	↓2%	↑24%
Geo (HS)	5	17	31	35	42	33	20	15	1	0	↑16%	↓6%
Algebra 2	0	7	0	0	7	17	84	47	10	30	↑7%	↓17%



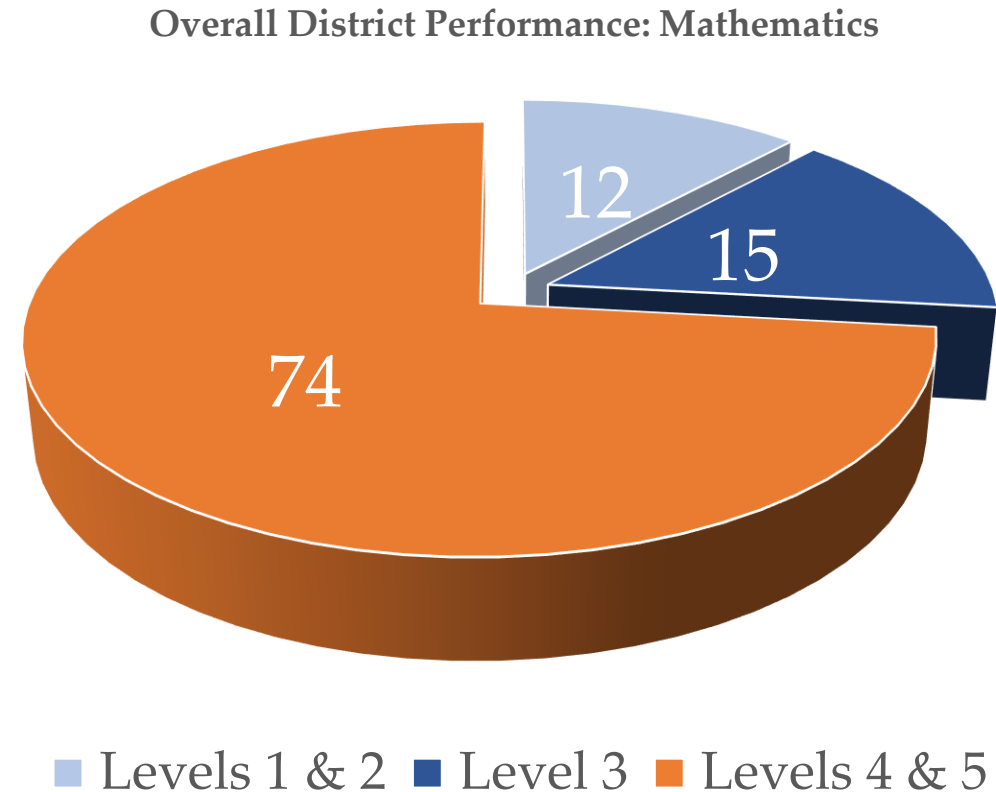
Notes: *Some students in grade 8 participated in the NJSLA Algebra I assessment in place of the 8th grade math assessment. The NJSLA Math 8 outcomes are not representative of grade 8 performance as a whole. Percentages may not total 100 due to rounding.

Comparison of Mountain Lakes's Spring 2023 NJSLA Administrations

Mathematics – Percentages



Grade	Levels 1 & 2	Level 3	Levels 4 & 5
3	7	8	86
4	9	4	88
5	7	15	78
6	5	20	76
7	4	11	85
8*	24	24	53
Algebra I District	14	15	71
Geometry District	28	19	53
Algebra II	7	17	77



Notes: *Some students in grade 8 participated in the NJSLA Algebra I assessment in place of the 8th grade math assessment. The NJSLA Math 8 outcomes are not representative of grade 8 performance as a whole. Percentages may not total 100 due to rounding.



Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA Administrations **Science** – Percentages



• Level 1: Below Proficient • Level 2: Near Proficiency • Level 3: Proficient • Level 4: Advanced Proficiency

Grade	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 3 and Level 4 from 2022 to 2023
5	8	2	27	21	39	40	27	37	↓12%	↑11%
8	15	8	50	39	24	42	11	11	↓18%	↑18%
11	14	15	26	25	40	36	20	25	0%	↑1%



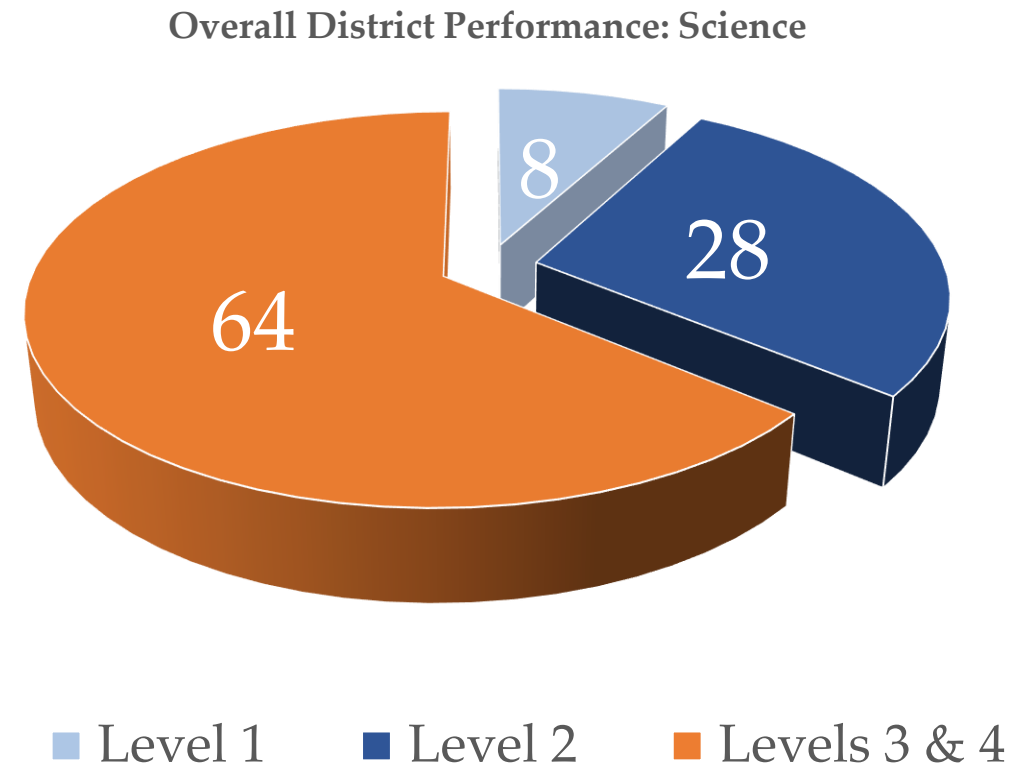
Notes: Percentages may not total 100 due to rounding.

Comparison of Mountain Lakes's Spring 2023 NJSLA Administrations

Science – Percentages



Grade	Level 1: Below	Level 2: Near	Level 3 & 4 Proficient/ Advanced
5	2	21	77
8	8	39	53
11	15	25	61



Notes: Percentages may not total 100 due to rounding.



Comparison of Mountain Lakes's Student Tested Spring 2022 and 2023 NJSLA Administrations **English Language Arts**



Number of Students Tested

Grade	2022	2023	Difference
3	82	76	6
4	80	81	1
5	83	85	2
6	82	86	4
7	96	83	13
8	86	98	12
9*	135	129	6

Note: Grade 9 row includes grade 9 students only.



Comparison of Mountain Lakes's Student Tested Spring 2022 and 2023 NJSLA Administrations **Mathematics**



Number of Students Tested

Grade	2022	2023	Difference
3	82	76	6
4	80	81	1
5	84	85	1
6	82	86	4
7	68	71	3
8*	31	34	3
Algebra 1	0(BC) / 2(MLHS)	27(BC) / 65(MLHS)	27 BC / 63 MLHS
Geometry	84(BC) / 102(MLHS)	49(BC) / 54(MLHS)	35 BC / 48 MLHS
Algebra 2	31	30	1

Note: *Some students in grade 8 participated in the NJSLA Algebra I assessment in place of the 8th grade math assessment. The NJSLA Math 8 outcomes are not representative of grade 8 performance as a whole.





Comparison of Mountain Lakes’s Student Tested Spring 2022 and 2023 NJSLA Administrations **Science**



Number of Students Tested

Grade	2022	2023	Difference
5	83	85	2
8	86	98	12
11	149	146	3





- **Grade 8 data:** Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.
- **Algebra 1, 2 and Geometry data:** Students in grades 11 and 12 were not included.
- Percentages may not total 100 due to rounding.

Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA English Language Arts – Percentages SUBGROUPS: All Grades



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

Grade Band	Level 1 Not Yet Meeting	Level 2 Partially Met	Level 3 Approached	Level 4 Met	Level 5 Exceeded
Asian	2%	1%	3%	39%	55%
Black	9%	0%	0%	55%	36%
Hispanic	3%	6%	6%	63%	22%
Two or More	3%	5%	3%	41%	49%
Section 504	9%	6%	21%	45%	18%
Special Education (IEP)	8%	18%	21%	46%	7%



Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.

Comparison of Mountain Lakes's Spring 2022 and 2023 NJSLA Mathematics– Percentages SUBGROUPS: All Grades



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

Grade Band	Level 1 Not Yet Meeting	Level 2 Partially Met	Level 3 Approached	Level 4 Met	Level 5 Exceeded
Asian	0%	2%	2%	45%	51%
Black (did not meet n=10)					
Hispanic	0%	13%	16%	50%	22%
Two or More	0%	3%	10%	60%	27%
Section 504	0%	12%	31%	50%	8%
Special Education (IEP)	9%	24%	19%	42%	5%



Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.



NJGPA – ELA & Mathematics

Grade 11 ONLY



English Language Arts

- 148 Students
- 95% Graduation Ready
- 5% Not Yet Graduation Ready
- Average overall score = 787/850
- (State: 80% Grad Ready / 20% Not Yet)

Mathematics

- 148 Students
- 85% Graduation Ready
- 15% Not Yet Graduation Ready
- Average overall score = 763/850
- (State: 55% Grad Ready / 45% Not Yet)





Notable Achievements



- English Language Arts
 - A decline in level 3 (approaching)
 - **Grades 3-5:** overall very little change
 - Grade 5: 3% drop in levels 1&2, levels 4 & 5 remain steady with 92% meeting/exceeding
 - Students with IEP: 62% meeting/exceeding
 - **Grade 6:** while there was an increase of 4% in levels 1 & 2, there was a 9% increase in levels 4 & 5
 - **Grade 7:** remained steady
 - **Grade 8:** there was a 3% decline in levels 1 & 2 and a 10% increase in levels 4 & 5
 - **Grade 9:** 11% mobility out of level 3; while there was an increase of 8% in levels 1 & 2, there was a 3% increase in levels 4 & 5



Notable Achievements



- Mathematics

- **Grades 3-5:** Students with IEP: 60% meeting/exceeding
- **Grade 3:** remained steady
- **Grade 5:** 1% drop in levels 1&2, 7% increase in levels 4 & 5
- **Grade 7:** there was a 1% decline in levels 1 & 2, 13% increase in levels 4 & 5
- **Grade 8:** there was a 9% decline in levels 1 & 2, 40% increase in levels 4 & 5
- **Geometry at BC:** there was a 2% decline in levels 1 & 2, 24% increase in levels 4 & 5



Notable Achievements



- **Science:** overall improvements across grades 5, 8, 11 as seen in subscores

		Wildwood ES					Briarcliff MS		
							18-19	21-22	22-23
% Near/Met or Above Expectations		18-19	21-22	22-23	% Near/Met or Above Expectations		18-19	21-22	22-23
G5 Science	Critiquing Practices	86%	89%	87%	G8 Science	Critiquing Practices	70%	63%	74%
G5 Science	Earth and Space Science	82%	80%	94%	G8 Science	Earth and Space Science	74%	64%	70%
G5 Science	Investigating Practices	85%	73%	89%	G8 Science	Investigating Practices	65%	57%	74%
G5 Science	Life Science	81%	86%	91%	G8 Science	Life Science	68%	48%	68%
G5 Science	Physical Science	85%	80%	89%	G8 Science	Physical Science	66%	66%	76%
G5 Science	Sensemaking Practices	78%	82%	92%	G8 Science	Sensemaking Practices	68%	50%	68%

		Mountain Lakes HS		
		18-19	21-22	22-23
% Near/Met or Above Expectations		18-19	21-22	22-23
G11 Science	Critiquing Practices	77%	75%	82%
G11 Science	Earth and Space Science	81%	74%	84%
G11 Science	Investigating Practices	81%	78%	75%
G11 Science	Life Science	78%	79%	76%
G11 Science	Physical Science	80%	74%	75%
G11 Science	Sensemaking Practices	77%	79%	77%





Intervention Strategies



- English Language Arts & Mathematics
 - **Analyze** data from NJSLA and Linkit! Benchmark assessments
 - How did students perform with question types, e.g. DOK levels, tech-enhanced features, multi-select
 - **Examine** subscores
 - Working with teachers to **unpack standards**
 - Examine **evidence tables**: this allows our teachers to see what particular standards were assessed and overall performance
 - Cross check with **item analysis**
- ELA 9
 - **Analysis of curriculum** (units, lessons, pacing), resources
 - Pearson **Computer-Based Practice Test**
 - Use with students for practice on types of questions
 - **In-class writing** & workshop-style teacher conferencing
 - Examine application of writing conventions, expression, and vocabulary





Intervention Strategies



- Intervention & Referral Services / NJ Tiered Systems of Supports
 - Wildwood: 'Targeted Instructional Program' (TIP) formerly known as 'Basic Skills Instruction'
 - Newly structured programs with high-quality resources that focus on foundational content and targeted instruction
 - ELA: Leveled Literacy Intervention
 - Math: Hand 2 Mind
 - Reinforcement period in grade 5
 - After school homework club
 - Briarcliff:
 - Strategies & Intervention Program (by recommendation)
 - Strategies & Intervention push-in for Math, ELA, Science
- New math curriculum resource in grades 6-12
 - Delta Math provides students with targeted practice and tutorials
- School Counseling (small group and/or individual)
- Several teachers certified in Orton-Gillingham at Wildwood and Briarcliff
- Team level meetings





Resources for Parents



- [Score Interpretation Guide for Parents](#)
- [NJSLA Individual Student Report Video](#)
- [NJ Parent Portal](#)
- [NJDOE Digital Item Library](#)
- [New Meridian](#) test development items and resources
- [Science Practice Tests](#)



