
Methacton Student Achievement Report

November 2024

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Assistant Superintendent





Agenda

- Assessment updates
- Review of 2023-2024 PSSA and Keystone assessment scores
- Review of 2023-2024 SATs and AP exam scores
- 2024-2025 focus areas
- Future presentations



Assessment Updates

- Online testing
 - PDE will require online testing starting Spring 2026
 - Methacton has been conducting online testing for the past four (4) years

- Science PSSA administration
 - State re-alignment to STEELS (Science, Technology & Engineering, Environmental Literacy & Sustainability)
 - Move from 4th to 5th grade
 - Field test for 5th and 8th grade in Spring 2025
 - Field test items will be included in Biology Keystone in Spring 2025
 - Field test items will not count in the 2024-2025 school year

PSSA and Keystone Assessments

Pennsylvania System of School Assessment (PSSA) Information

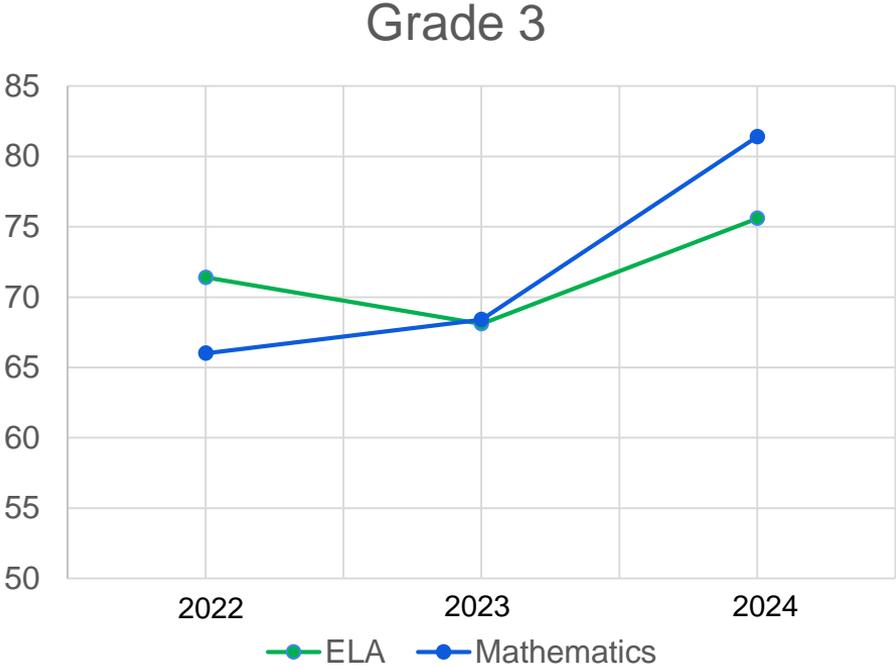


- Subject Areas
 - English Language Arts (ELA)
 - Mathematics
 - Science
- ELA and Math are given to all students in 3rd through 8th grades
- Science only given to students in 5th and 8th grades
- Exams assess proficiency of the Pennsylvania State Standards
- All percentages in PSSA data slides represent proficient and advanced scores

Grade 3 (2022-2024 results)



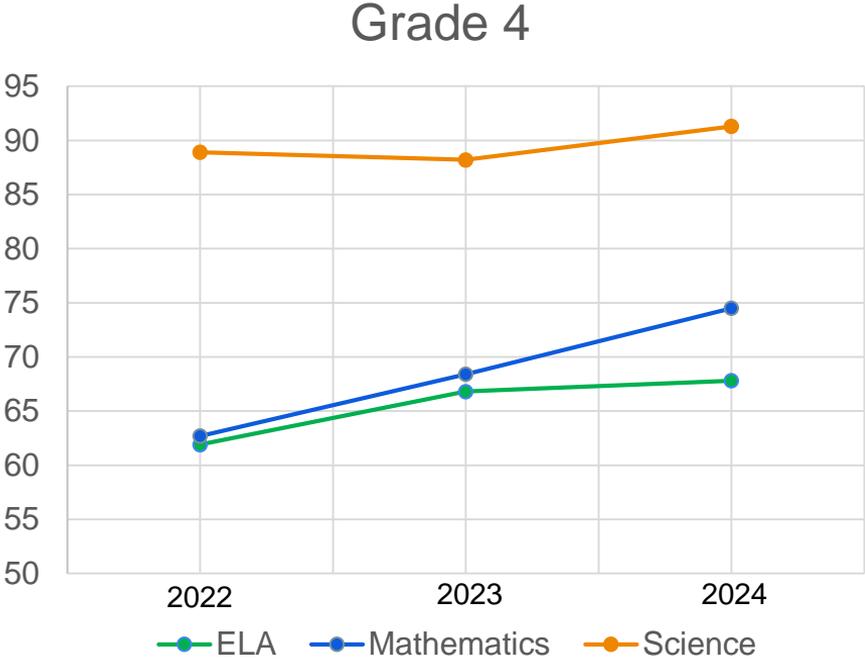
Year	ELA Methacton	Mathematics Methacton
2022	71.4	66.0
2023	68.1	68.4
2024	75.6	81.4



Grade 4 (2022-2024 results)



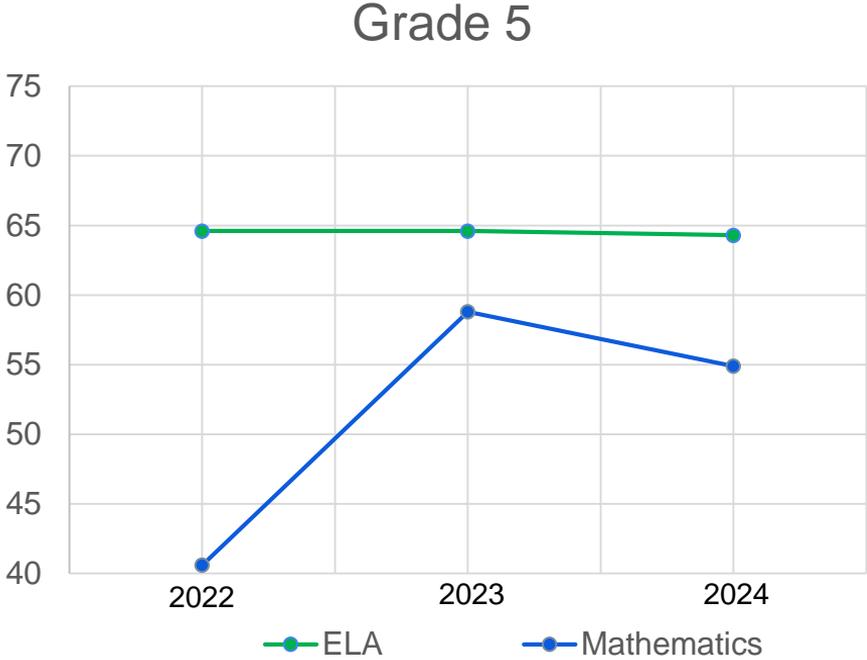
Year	ELA Methacton	Mathematics Methacton	Science Methacton
2022	61.9	62.7	88.9
2023	66.8	68.4	88.2
2024	67.8	74.5	91.3



Grade 5 (2022-2024 results)



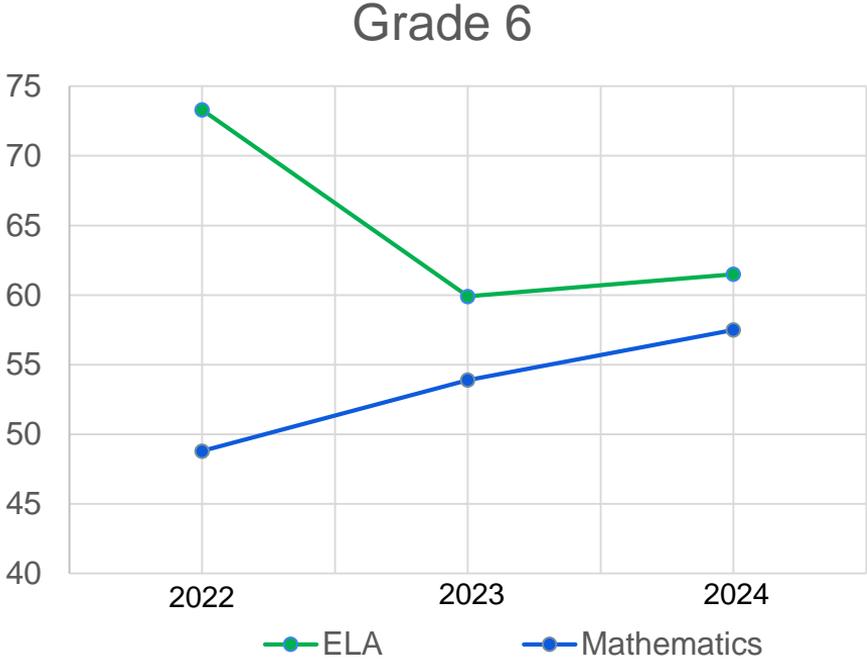
Year	ELA Methacton	Mathematics Methacton
2022	64.6	40.6
2023	64.6	58.8
2024	64.3	54.9



Grade 6 (2022-2024 results)



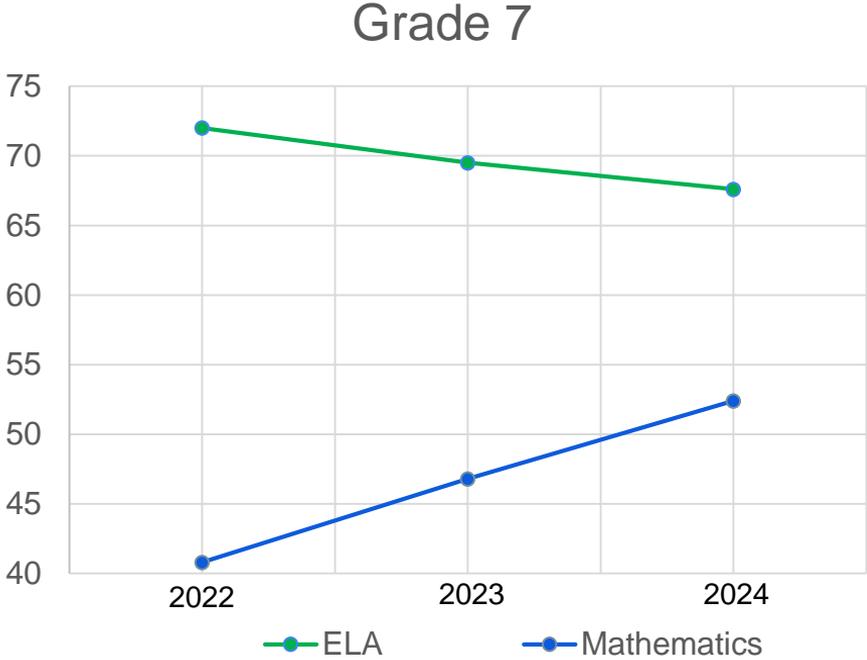
Year	ELA Methacton	Mathematics Methacton
2022	73.3	48.8
2023	59.9	53.9
2024	61.5	57.5



Grade 7 (2022-2024 results)



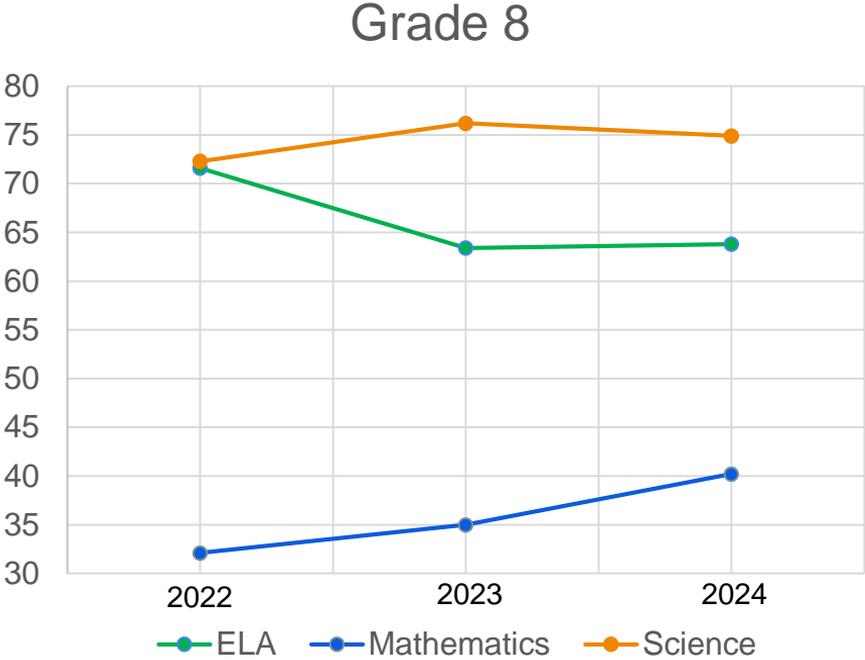
Year	ELA Methacton	Mathematics Methacton
2022	72	40.8
2023	69.5	46.8
2024	67.6	52.4



Grade 8 (2022-2024 results)



Year	ELA Methacton	Mathematics Methacton	Science Methacton
2022	71.6	32.1	72.3
2023	63.4	35	76.2
2024	63.8	40.2	74.9





Keystone Information

- Keystone exams are the high school version of the PSSAs
- Subject area specific and only taken at the end of the specific courses
 - ELA exam is taken at the end of 10th grade Literature
 - Math exam is taken at the end of Algebra I
 - Science exam is taken at the end of Biology
- Exams can be taken more than once in subsequent years if a student is unsuccessful in previous attempts
- All percentages in the Keystone data slide represent proficient and advanced scores
- Data slide shows the scoring percentages from students that took the exams last year
- February report will have a second data slide showing the “banked” scoring percentages that are attributed to all students in their 11th grade year

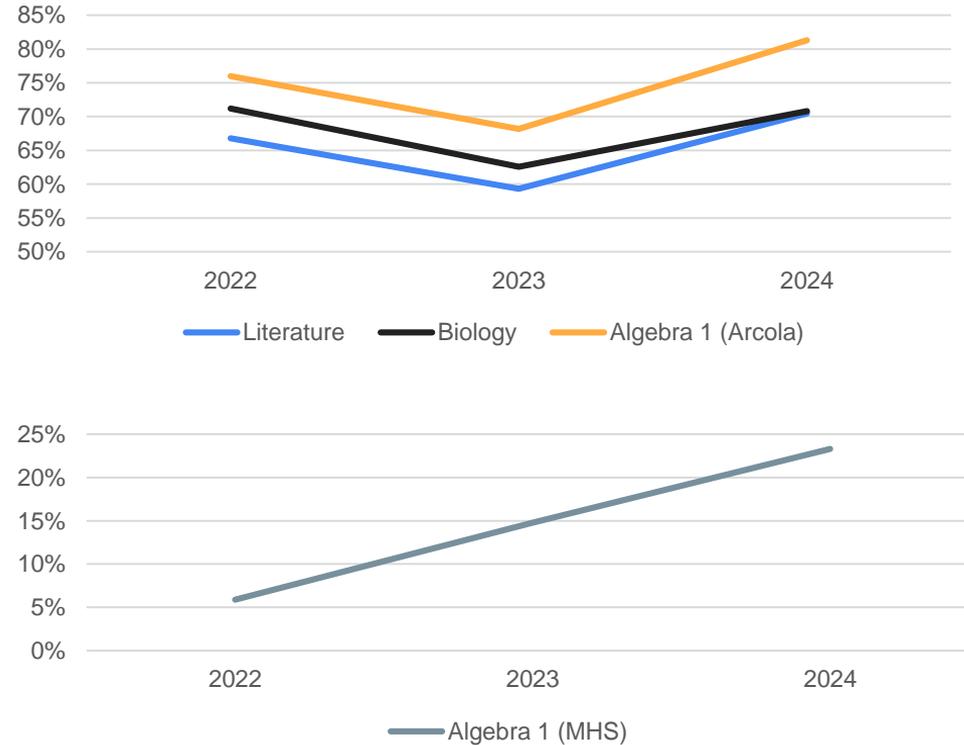
Building Background: Keystone Exams

Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
							Literature (all)	Literature (retakes & new students)
						Biology (some)	Biology (majority)	Biology (some, retakes & new students)
				Algebra 1 (few)	Algebra 1 (many)	Algebra 1 (many & retakes)	Algebra 1 (few & retakes)	Algebra 1 (retakes & new students)

- Keystone exams are given at the end of the course
- Students' "best" score is banked until 11th grade
- Algebra 1 exam is typically given in grade 8 or 9
- Biology and Literature exams are typically given in grade 10

Annual Keystone 3 Year Trend – Proficiency Scores

	2022	2023	2024
Literature	66.8%	59.3%	70.5%
Biology	71.2%	62.6%	70.8%
Algebra 1 (MHS)	5.9%	14.8%	23.3%
Algebra 1 (Arcola)	76.0%	68.2%	81.3%



Standard Achievement Tests (SAT)

Advanced Placement (AP) Exams

Methacton Students 3-Year (SAT) Results



Graduation Year	# of Participants	English Reading Writing (ERW) Scores	Math Scores	Total Score
2022	310	594	604	1198
2023	253	599	597	1196
2024	254	595	600	1195

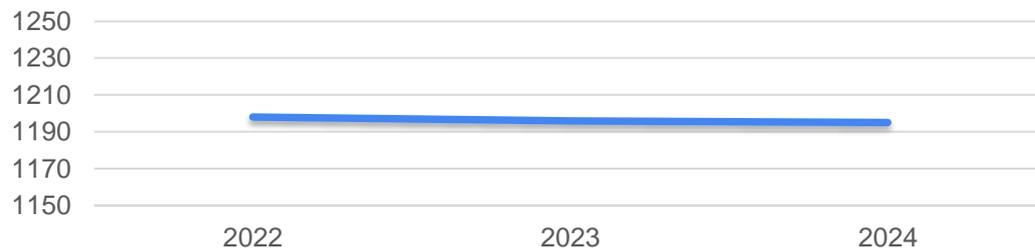
SAT Scores



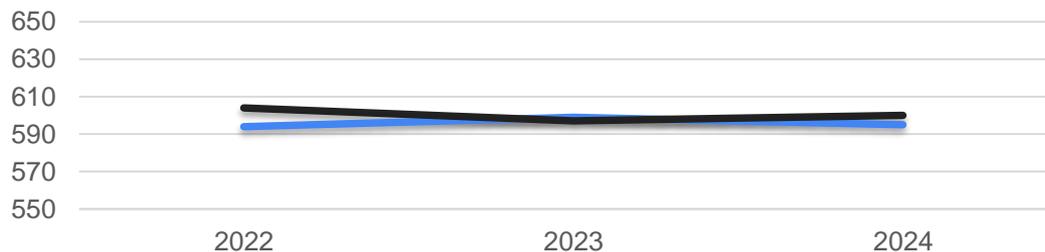
Graduation Year	Overall
2022	1198
2023	1196
2024	1195

Graduation Year	ERW	Math
2022	594	604
2023	599	597
2024	595	600

Overall



ERW and Math



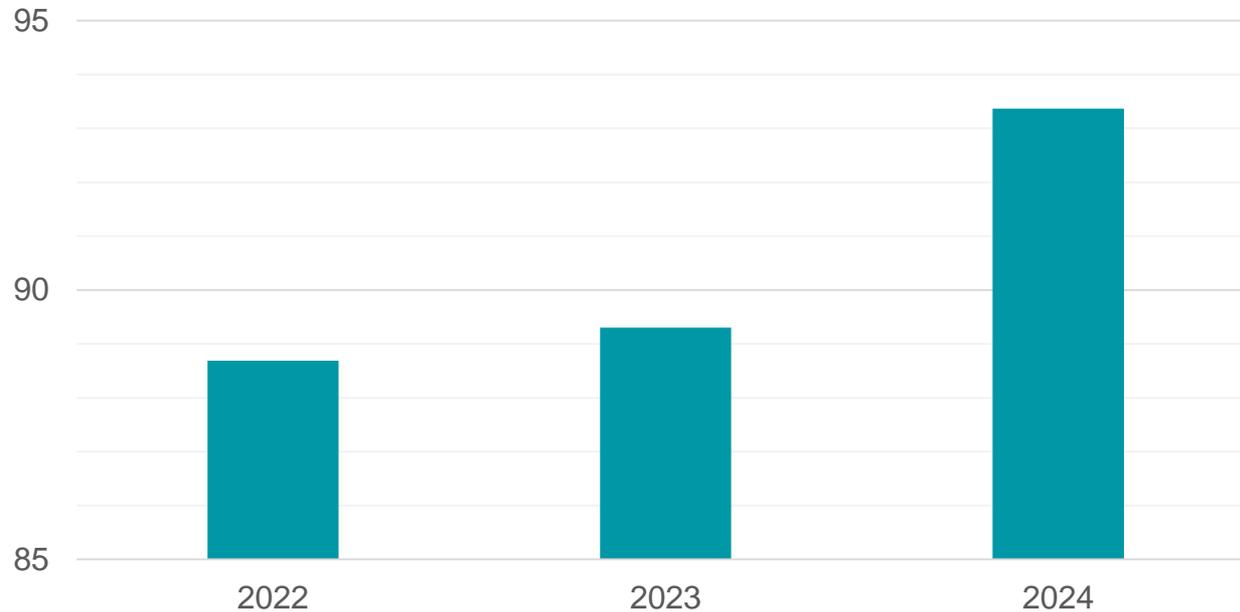
Three Year Advanced Placement Summary

% of Total AP Students with Scores 3+

	2022	2023	2024
Total AP Students	398	355	347
Number of Exams	831	746	768
AP Students with Scores 3+	353	317	324
% of Total AP Students with Scores 3+	88.69	89.30	93.37

Three Year Advanced Placement Summary

% of Total AP Students with Scores 3+



Advanced Placement Student Summary

Total number of exams – **768**

93% of scores were **3 or higher**

72% of scores were **4's and 5's**

AP Scholar – Awarded to students who receive scores of 3 or higher on three or more AP Exams.

- *43 students with an average of 3.46*

AP Scholar with Honor – Awarded to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.

- *37 students with an average of 3.80*

AP Scholar with Distinction – Awarded to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

- *81 Students with an average of 4.33*

Advanced Placement Courses Summary



In 2022-2023....

- Eleven (11) courses had 90% or more students scoring a 3 or higher

In 2023-2024....

- Thirteen (13) courses had 90% or more of their students scoring a 3 or higher
 - 2-D Art and Design = 100%
 - Biology = 100%
 - Calculus AB = 100%
 - Calculus BC = 95%
 - Chemistry = 100%
 - Computer Science Principles = 100%
 - English Literature and Composition = 98%
 - Human Geography = 94%
 - Physics = 100%
 - Seminar = 97%
 - Statistics = 100%
 - US Government and Politics = 99%
 - US History = 97%

Advanced Placement Courses Summary



In 2022-2023....

- Three (3) courses had 100% or more students scoring a 3 or higher

In 2023-2024....

- Seven (7) courses had 100% or more of their students scoring a 3 or higher
 - 2-D Art and Design = 100%
 - Biology = 100%
 - Calculus AB = 100%
 - Chemistry = 100%
 - Computer Science Principles = 100%
 - Physics = 100%
 - Statistics = 100%

Advanced Placement Courses Summary



In 2022-2023....

- Nine (9) courses had students averaging a 4 or higher (highest possible score is a 5)

In 2023-2024....

- Eleven (11) courses had students averaging a 4 or higher (highest possible score is a 5)
 - Biology = 4.2
 - Calculus AB = 4.6
 - Calculus BC = 4.8
 - Chemistry = 4.4
 - Computer Science = 4.0
 - Computer Science Principles = 4.4
 - Human Geography = 4.4
 - Physics = 4.3
 - Statistics = 4.4
 - US Government and Politics = 4.4
 - US History = 4.1

2024-2025 Continued Focus Areas

- Planning
- Assessment variables
- Instructional coaching
- Walkthroughs and observations
- Structured literacy

Student Achievement/Instructional Coaching Presentations

- November – Education committee
 - Instructional coaching presentation – Kickoff review and updates
 - Methacton achievement data – Three (3) year review
- February – Education committee
 - Methacton achievement data – County/State/National comparables & 2025-2026 Focus Areas
- February – Regular board meeting
 - Methacton achievement data – County/State/National comparables & 2025-2026 Focus Areas
- May – Education committee
 - Instructional coaching presentation – Summary and results of the year

