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# Methacton Student Achievement Report

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November 2024

Dr. Ché Regina  
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 4<sup>th</sup> to 5<sup>th</sup> grade
  - Field test for 5<sup>th</sup> and 8<sup>th</sup> 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

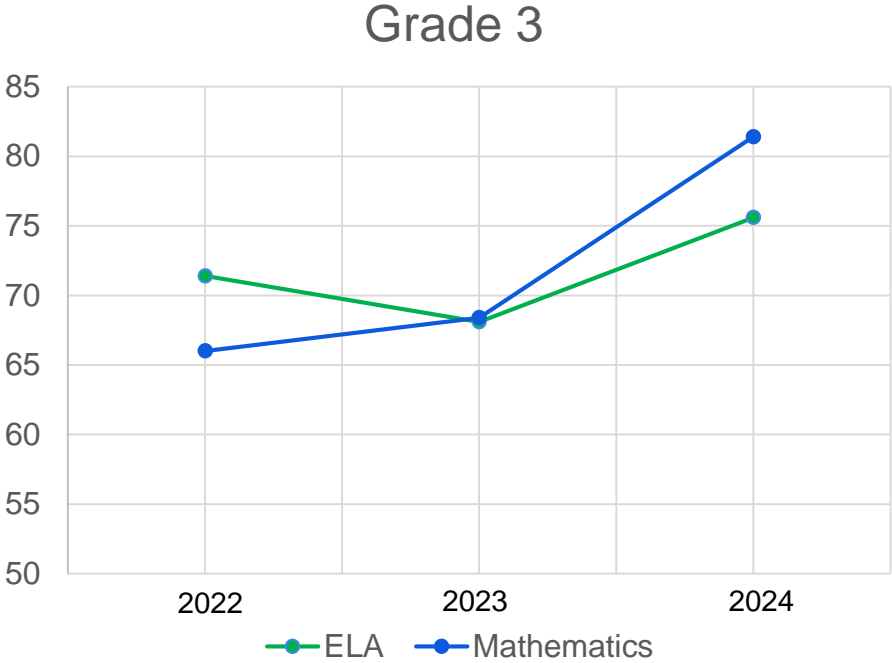


- Subject Areas
  - English Language Arts (ELA)
  - Mathematics
  - Science
- ELA and Math are given to all students in 3<sup>rd</sup> through 8<sup>th</sup> grades
- Science only given to students in 5<sup>th</sup> and 8<sup>th</sup> grades
- Exams assess proficiency of the Pennsylvania State Standards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

# Grade 3 (2022-2024 results)



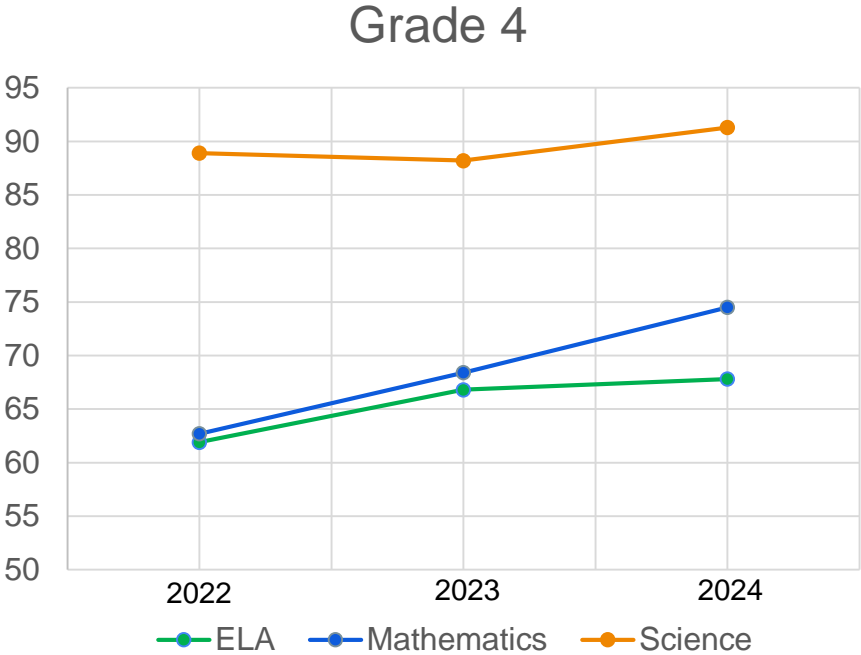
Year	ELA Methacton	Mathematics Methacton
2022	71.4	66.0
2023	68.1	68.4
2024	75.6	81.4



# Grade 4 (2022-2024 results)



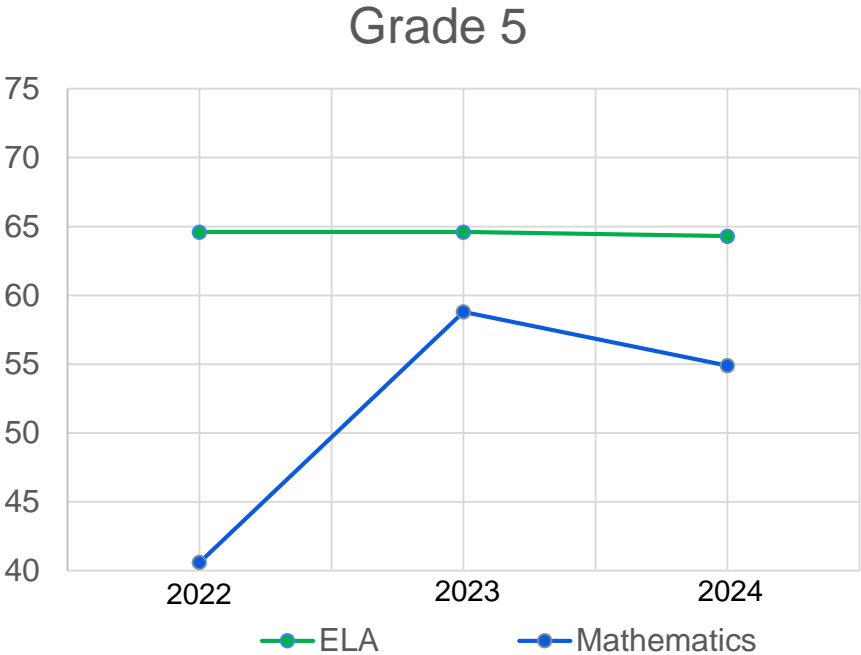
Year	ELA Methacton	Mathematics Methacton	Science Methacton
2022	61.9	62.7	88.9
2023	66.8	68.4	88.2
2024	67.8	74.5	91.3



# 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

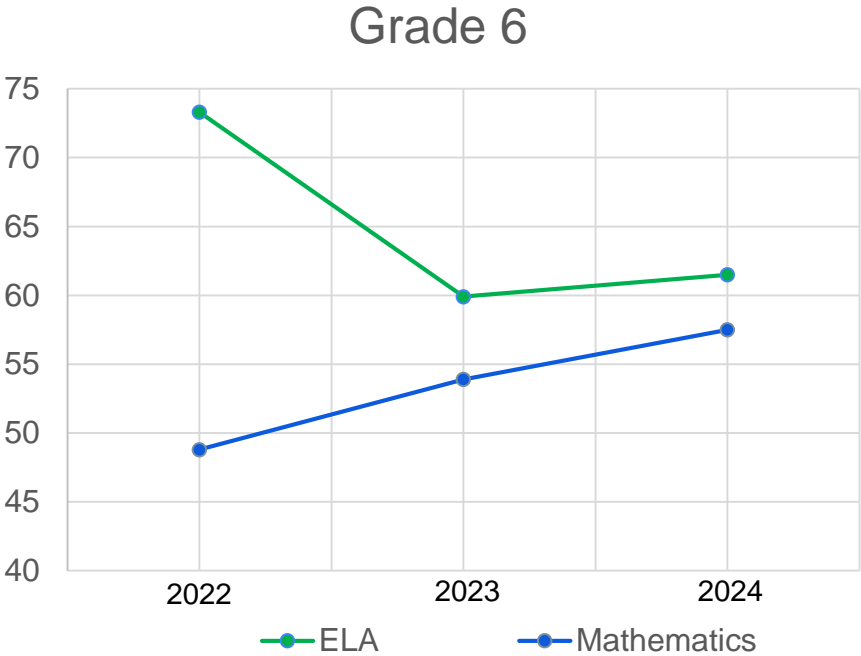




# Grade 6 (2022-2024 results)



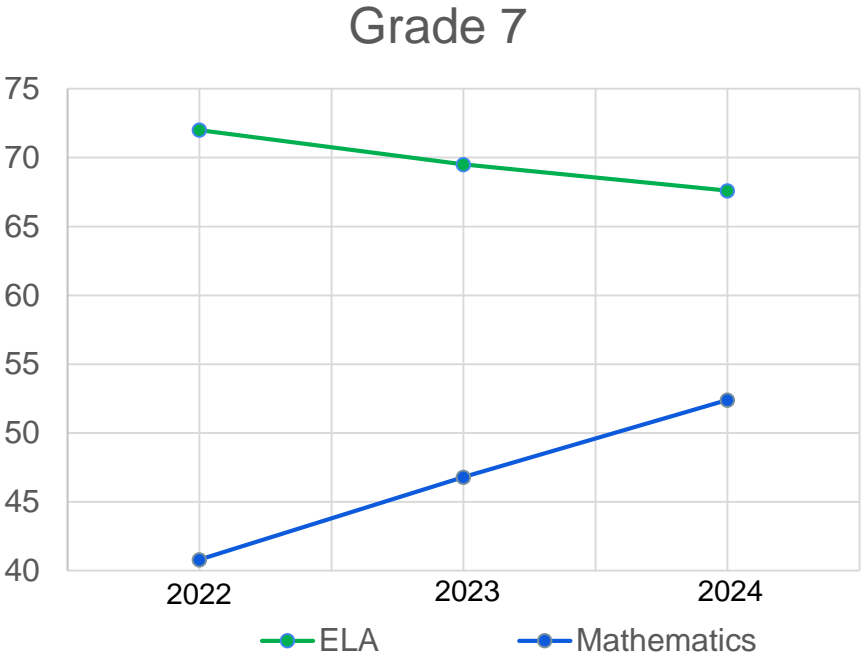
Year	ELA Methacton	Mathematics Methacton
2022	73.3	48.8
2023	59.9	53.9
2024	61.5	57.5



# Grade 7 (2022-2024 results)



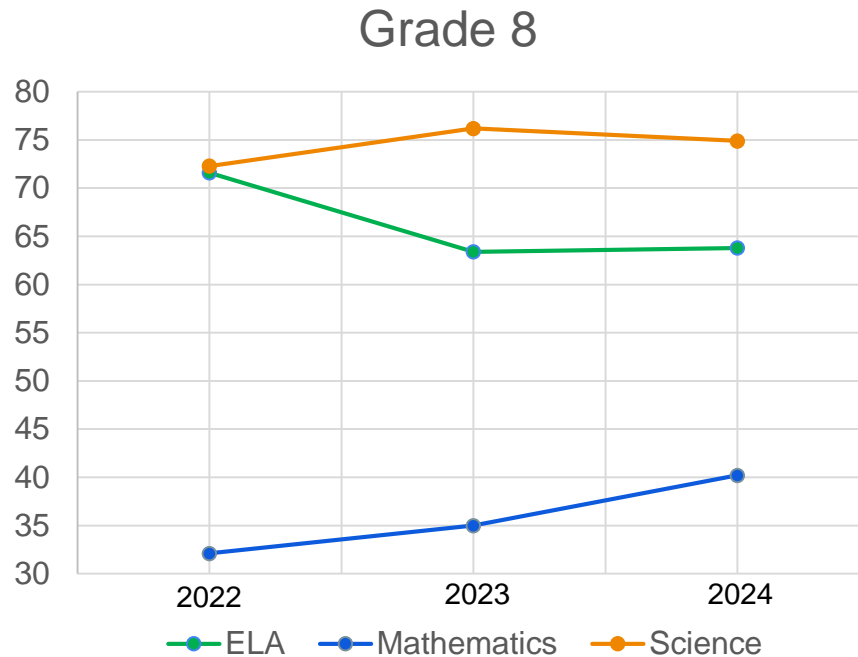
Year	ELA Methacton	Mathematics Methacton
2022	72	40.8
2023	69.5	46.8
2024	67.6	52.4



# 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 10<sup>th</sup> 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 11<sup>th</sup> grade year

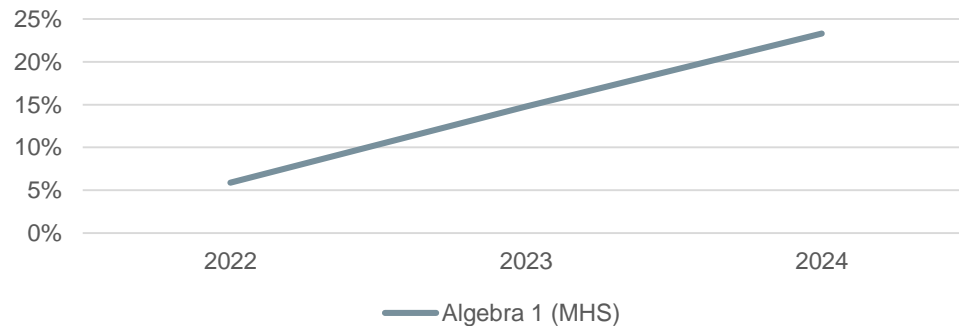
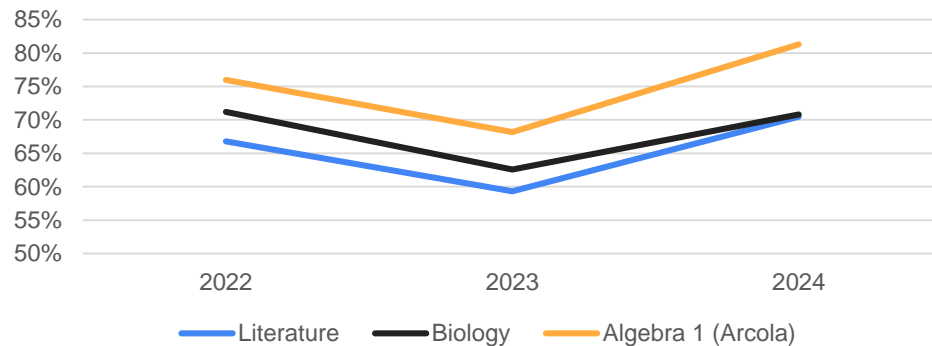
# Building Background: Keystone Exams

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
<b>2022</b>	310	594	604	1198
<b>2023</b>	253	599	597	1196
<b>2024</b>	254	595	600	1195



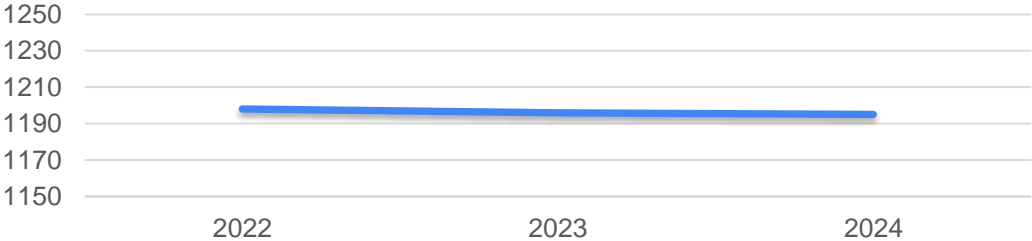
# SAT Scores



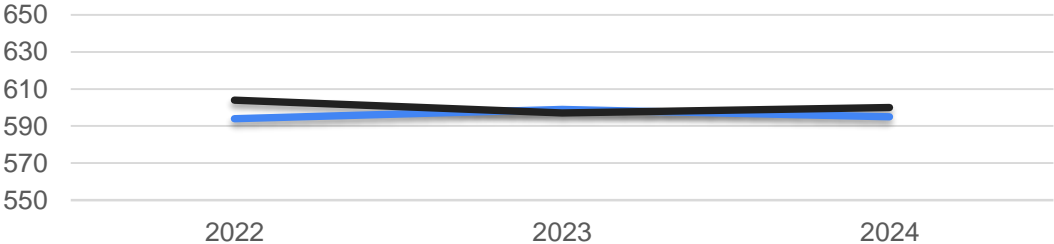
Graduation Year	Overall
2022	1198
2023	1196
2024	1195

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

Overall



ERW and Math



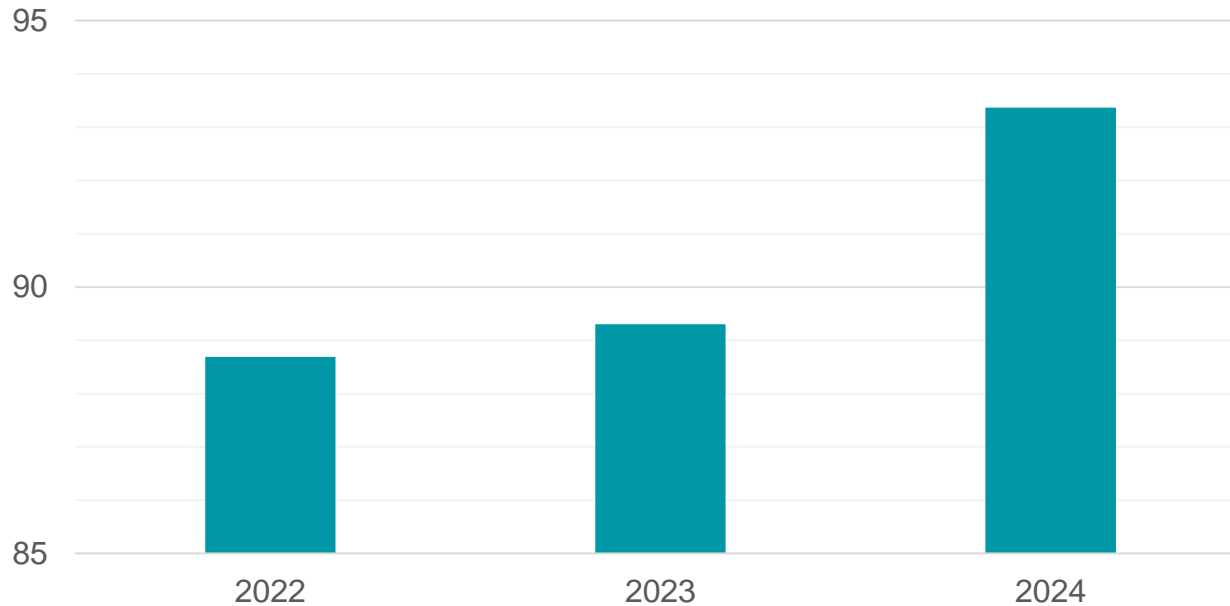
# Three Year Advanced Placement Summary

## % 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

