



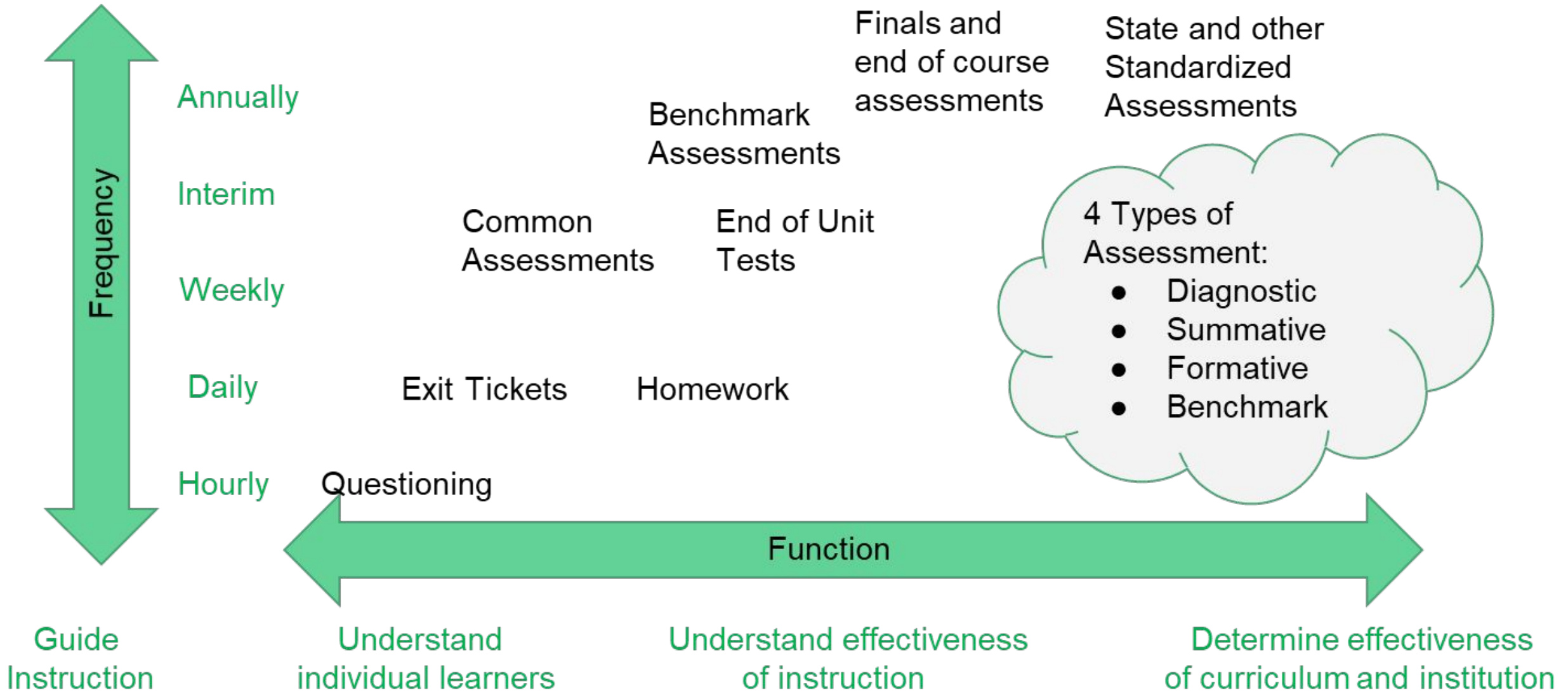
January 3, 2023 Education Committee

*Our Journey of Supporting
Teaching and Learning*

Tonight's Goals:

- *Share our New Baseline Data*
- *Examine School Goals & Strategies*
- *Provide Recommendations*

Mapping Assessments for Frequency and Function



State Assessment Measures:

PSSA- based on achievement for a particular year at a single point, with different groups of students each year (Grades 3-8)

Keystones- based on achievement; may be taken more than once (“End of course” exam for Algebra I, Biology & Literature)

State 2030 Achievement Goal for all grade levels:

- *ELA/Literature: 81.1%
- *Math/Algebra I: 71.8%
- *Science/Biology: 83.0%

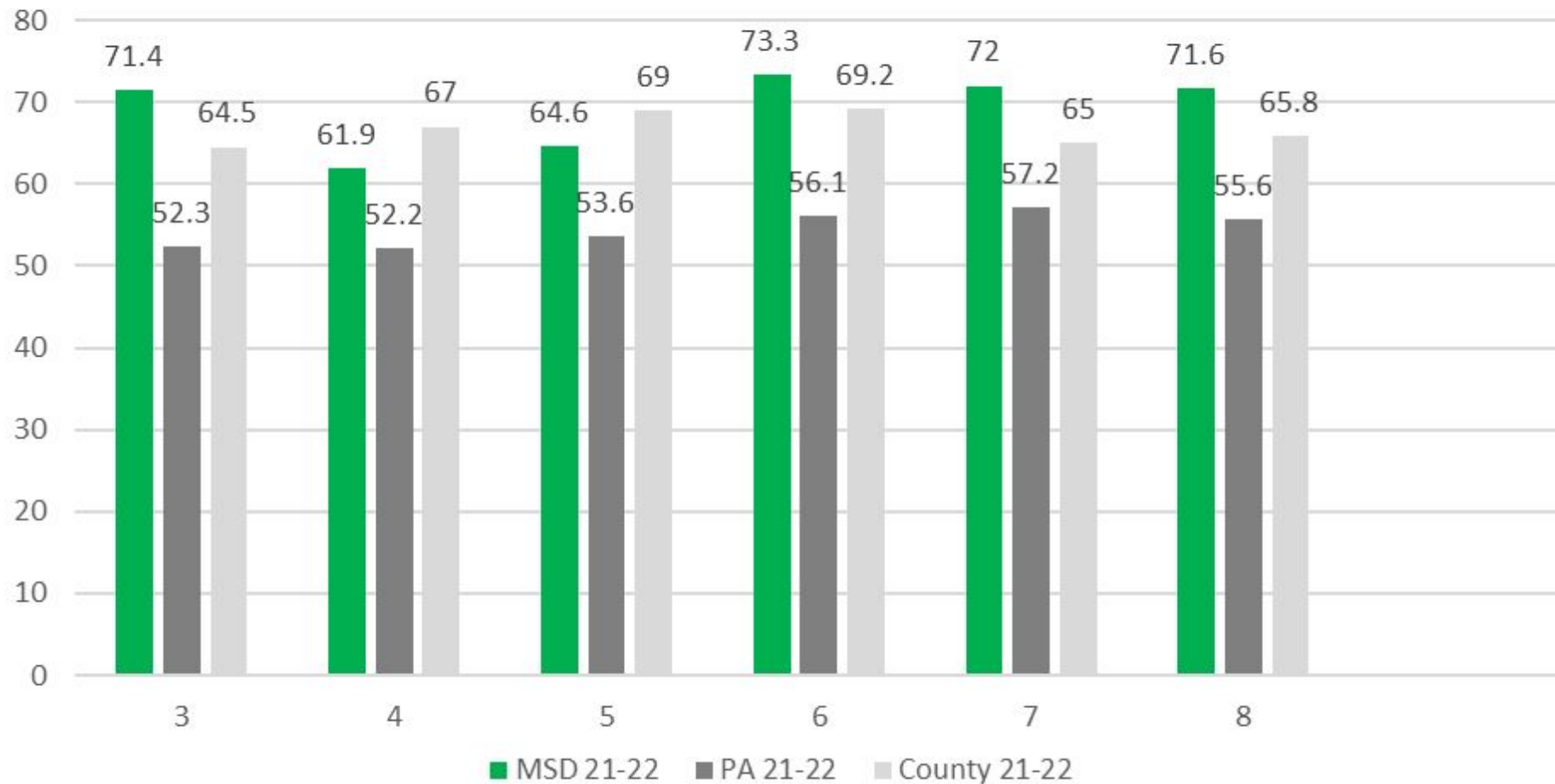
PVAAS- measures students’ growth overtime as a cohort
Growth goal: 70.0% for all subjects

Note: 2021-22 is the first year of new PVAAS

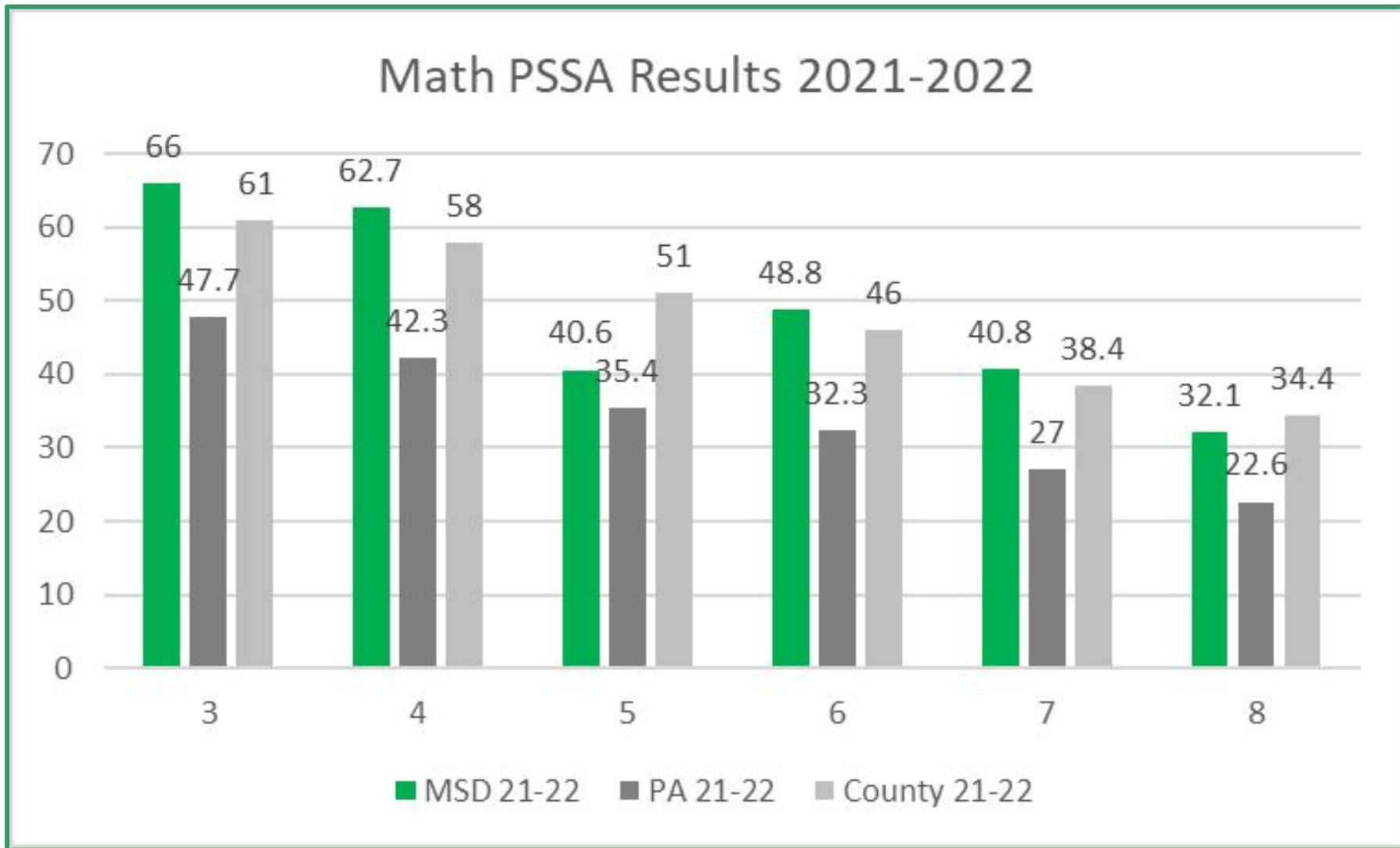
Points to Consider from PA Department of Education:

- *Scores have not yet returned to pre-pandemic levels*
- *Students and staff absences related to isolation, quarantines, etc. undoubtedly contributed to scores*
- *Scores should not be used to make high-stakes decisions*

ELA PSSA Results 2021-2022

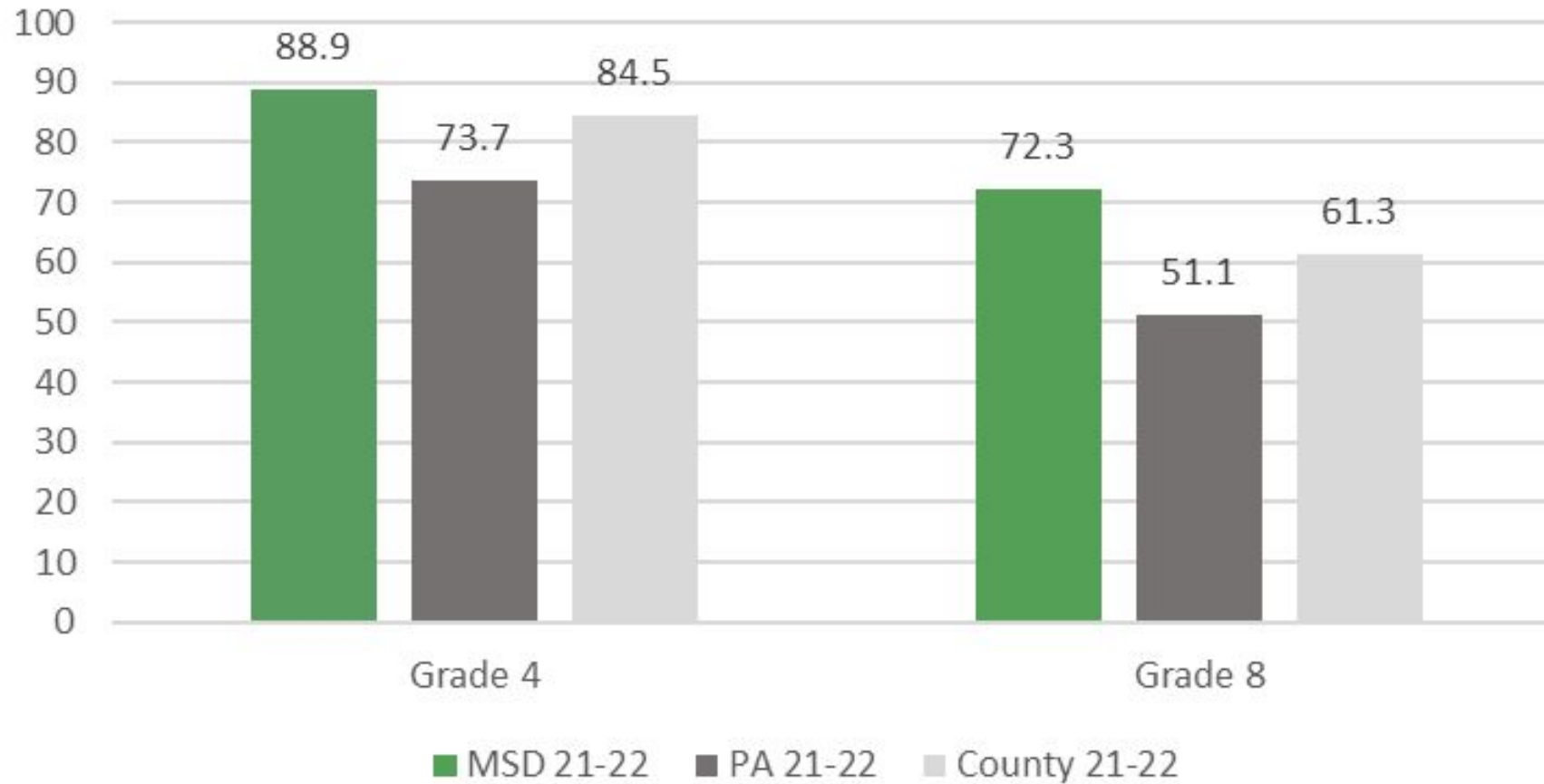


- Students in grades 3-8 are above the state average in Language Arts
- Our 4th and 5th grade students performed below the county average
- The scores rebounded and stayed consistent in grades 6-8

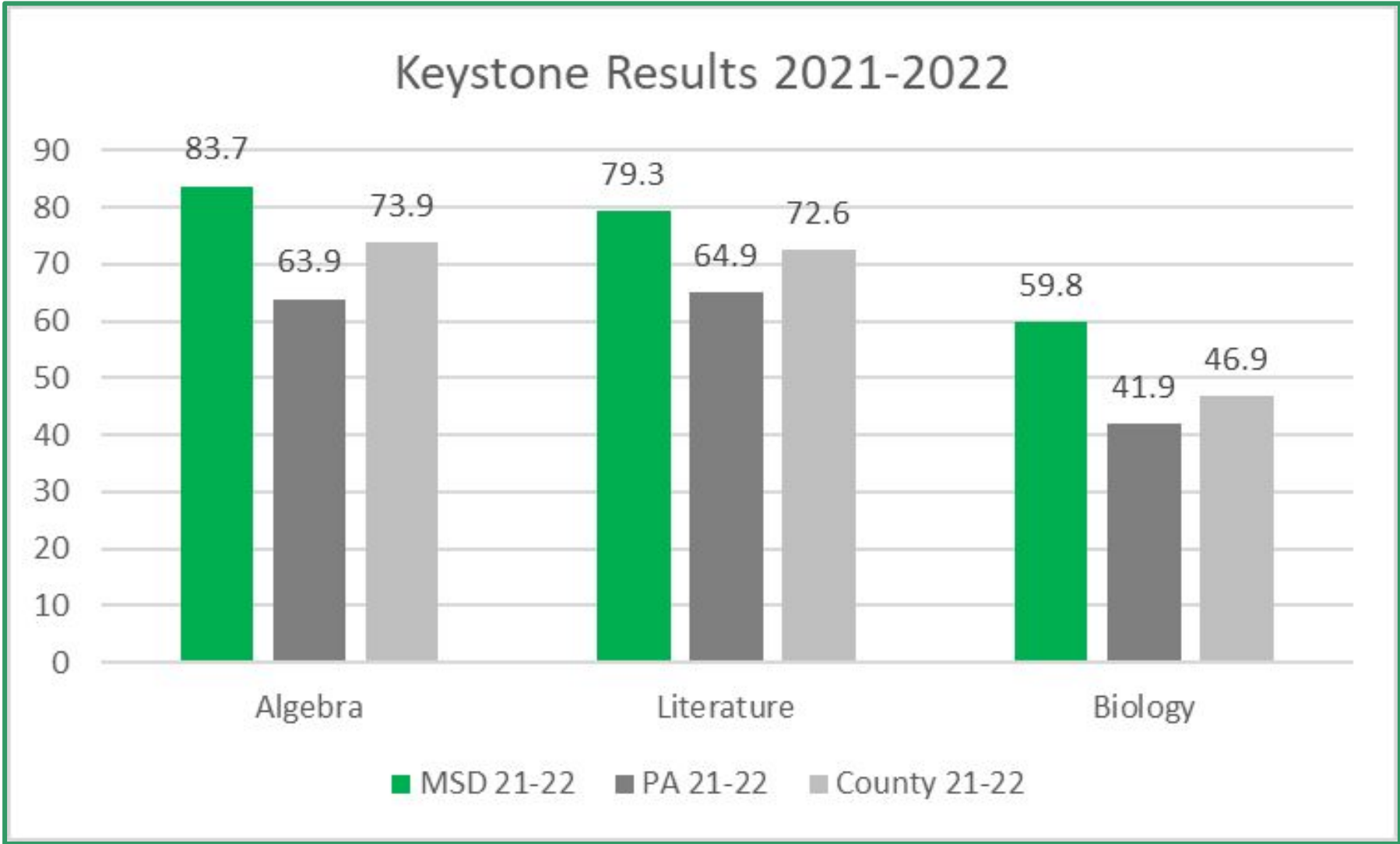


- Students in grades 3-8 are above the state average in Math
- Our 5th and 8th grade students performed below the county average

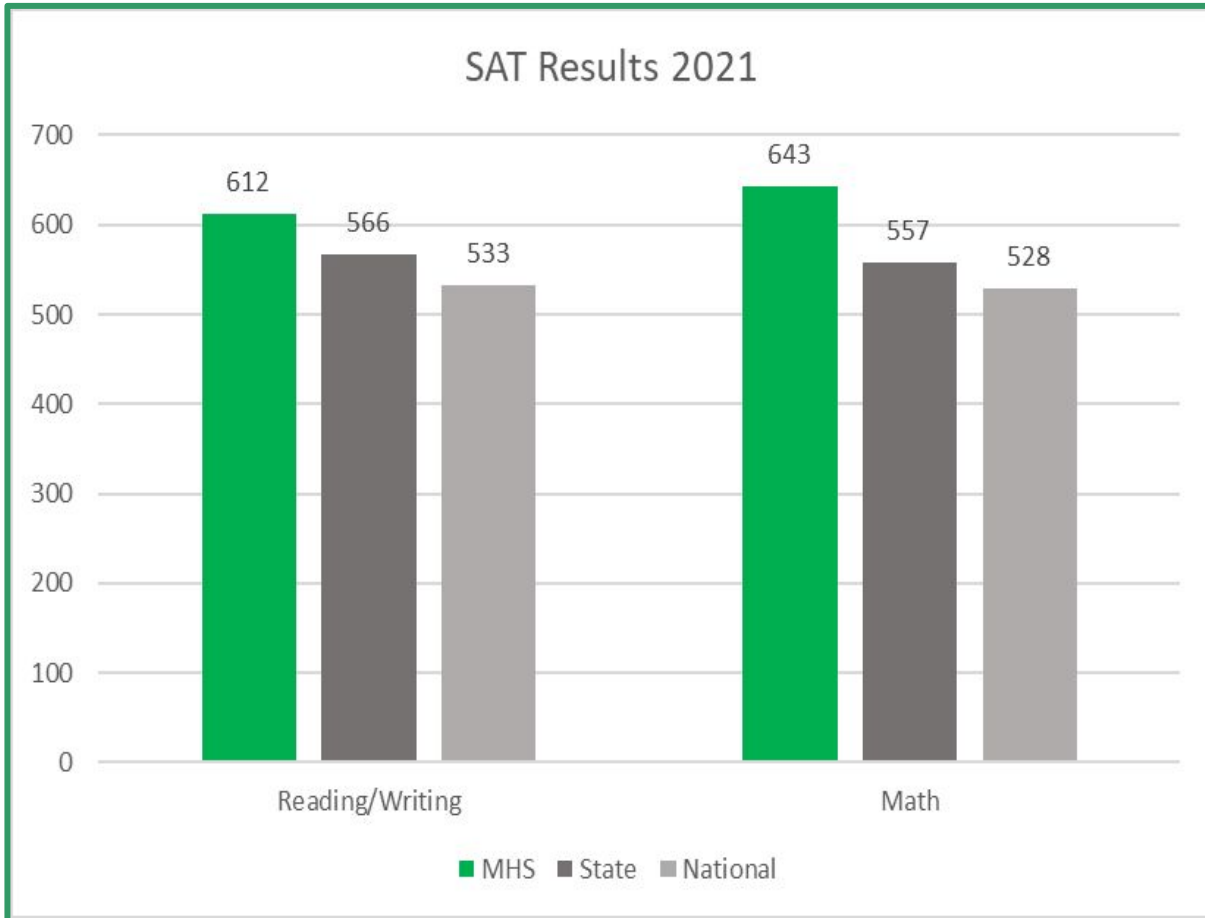
Science PSSA Results 2021-22



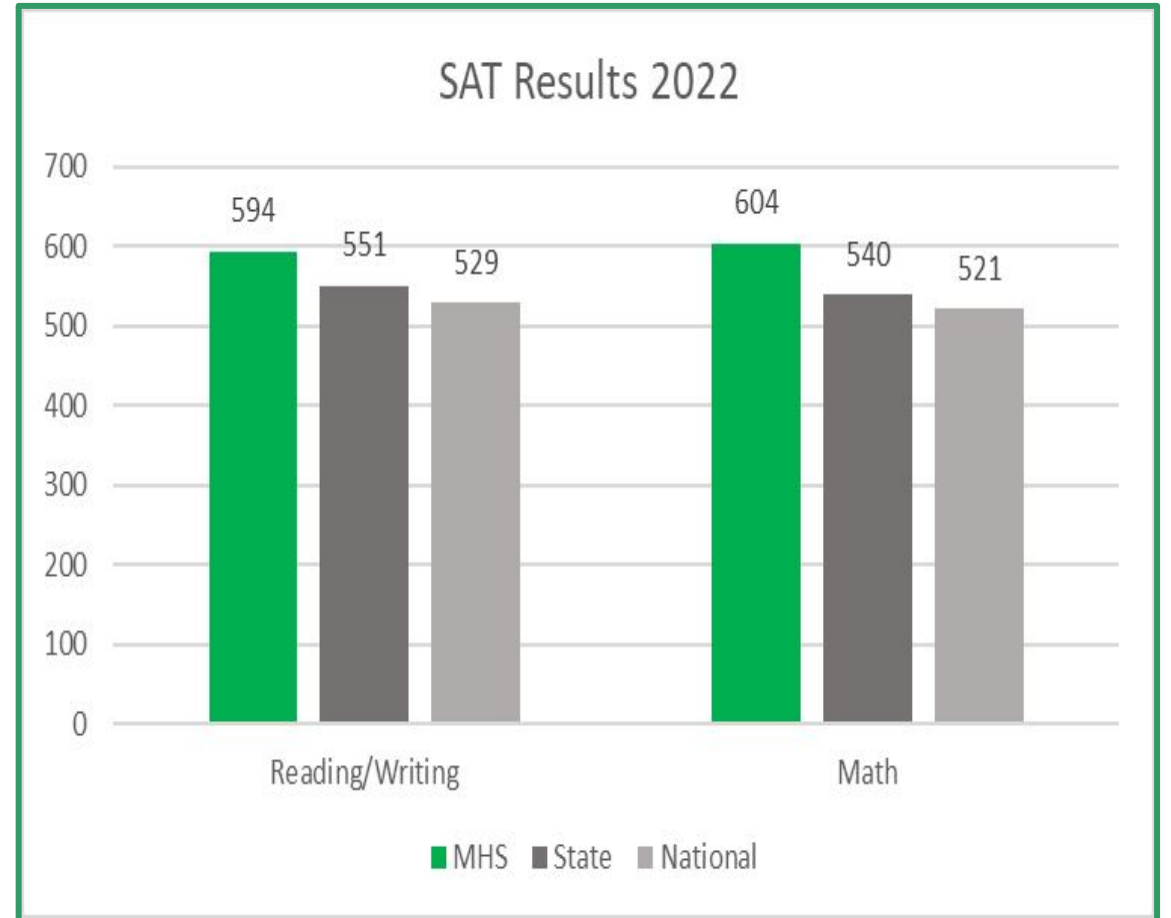
- Students in grades 4 & 8 are above the state average in Science
- Our 8th grade students displayed scores well above the state average



- Methacton students are above the state and county average in all Keystone tested subjects



214 test takers

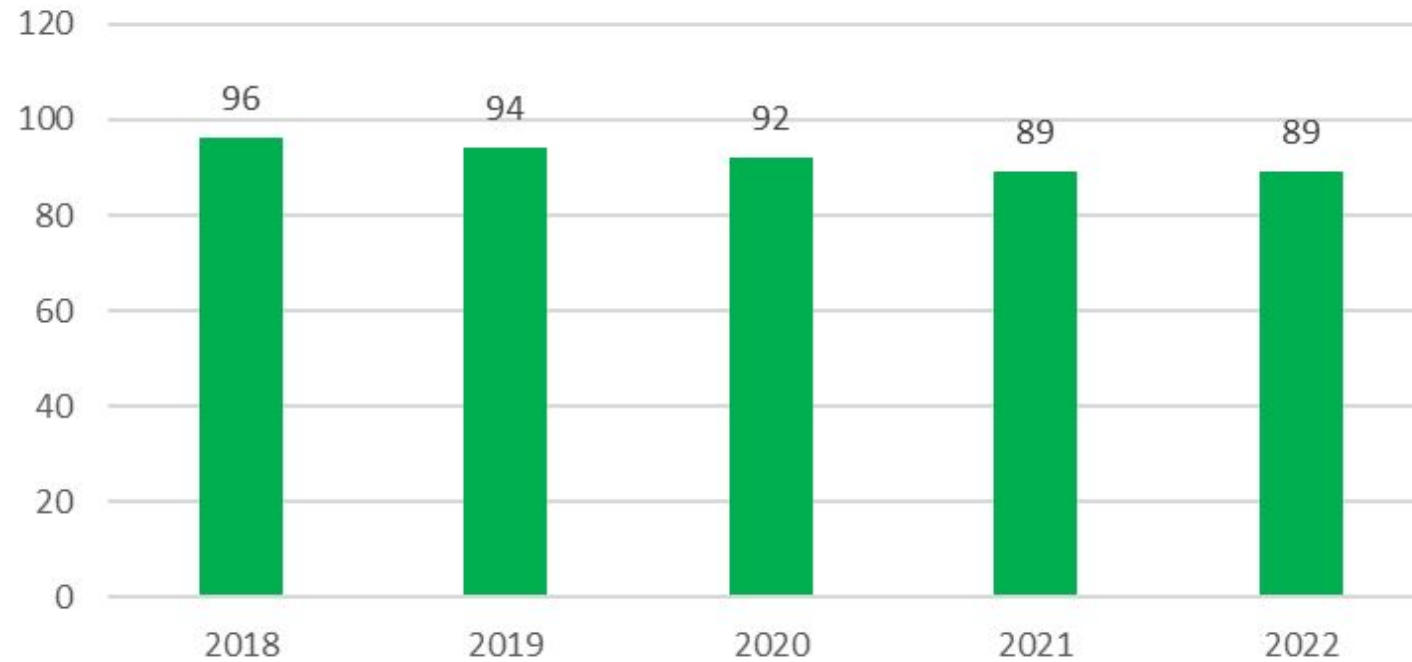


310 test takers

Results reflect scores of the graduates of the identified year who took the SAT during high school

- Our Methacton SAT Scores are consistently greater than the state and national averages
- Our Math scores show a strong level of proficiency

Advanced Placement
percentage scoring 3 and above



	2018	2019	2020	2021	2022
Total AP Students	363	351	365	323	398
Number of Exams	789	707	783	689	830
AP Students with Scores 3+	347	331	335	288	353

Important Data Points:

1

Building Level Score

- Pro/Adv
- Growth
- Attendance
- Graduation Rate*



2

% of Proficient/Advanced

ELA 15%				
Math 15%				
Science 10%				

3

Growth Score

*Building Level Score & Levels of Proficient & Advanced comes from Pennsylvania Department of Education.

*The Growth Measures are provided by Future Ready Index.

School



Continue data-driven decision making & targeted instruction to address needs

Literacy

Math

Methacton High School Data

1

**Building Level
Score**

75.2

- Pro/Adv
- Growth
- Attendance
- Graduation Rate

2

% of Proficient/Advanced

3

Growth Score

Algebra Keystone	83.7		Academic Growth Score	50
Literature Keystone	79.3		Academic Growth Score	50
Biology Keystone	59.8		Academic Growth Score	100

Methacton High School



Continue data-driven decision making & targeted instruction to address needs

Literacy

Identify and analyze theme development in text

Analyze how an author uses language to support an idea or claim in non-fiction

Analyze how an author's use of language impacts meaning

Math

Apply probability in practical situations

Using data displays in problem solving

Describing sets of data using measures of dispersion

Arcola Intermediate School Data

1

Building Level
Score

72.1

- Pro/Adv
- Growth
- Attendance

2

% of Proficient/Advanced

3

Growth Score

	7th	8th		7th	8th
ELA	72	71.6		55.0	
Math	40.8	32.1		68.0	
Science	n/a	72.3		100	
Algebra Keystone	76			n/a	

Arcola Intermediate School



Continue data-driven decision making & targeted instruction to address needs

Literacy

Grade 7
Cite textual evidence to support analysis, inferences

Read and comprehend literary nonfiction and informational text

Grade 8
Analyze how an author's use of language impacts meaning

Math

Grade 7
Solving Multi-Step Problems

Applying operations related to expressions

Grade 8
Applying Pythagorean Theorem

Skyview Upper Elementary School Data

1

Building Level Score

72.4

- Pro/Adv
- Growth
- Attendance

2

% Proficient/Advanced

3

Growth Score

	5th	6th		5th	6th
ELA	64.6	73.3		59.0	
Math	40.6	48.8		80.0	

Skyview Upper Elementary School



Continue data-driven decision making & targeted instruction to address needs

Literacy

Grade 5
Examining the author's decisions within text to explore structure and meaning

Grades 5 & 6
Citing text evidence to support analysis and higher level thinking

Grade 6
Using text details to determine a central idea

Math

Grade 5
Solving problems involving fractions, decimals, and measurement

Grade 5 & 6
Writing to explain mathematical thinking and process

Grade 6
Solving for and evaluating algebraic expressions

Arrowhead Elementary School Data

1

**Building Level
Score**

73.0

- Pro/Adv
- Growth
- Attendance

2

% Proficient/Advanced

3

Growth Score

	3rd	4th		4th
ELA	75.4	53.8		50.0
Math	72.5	49.5		76.0
Science	n/a	89.0		68.0

Arrowhead Elementary School



Continue data-driven decision making & targeted instruction to address needs

Literacy

**Grade 3
Understanding
and using text
features to
locate and
interpret
information**

**Grades 3 & 4
Comparing
and
contrasting
elements of
text(s)**

**Grade 4
Citing text
evidence to
support
analysis and
higher level
thinking**

Math

**Grade 3
Solving
problems
involving
fractions and
area**

**Grades 3 & 4
Writing to
explain
mathematical
thinking and
process**

**Grade 4
Understanding
and solving
multi- step
problems**

Eagleville Elementary School Data

1

Building Level Score

79.6

- Pro/Adv
- Growth
- Attendance

2

% Proficient/Advanced

3

Growth Score

	3rd	4th		4th
ELA	59.7	45.3		72.0
Math	50.0	48.0		100
Science	n/a	80.0		97.0

Eagleville Elementary School



Continue data-driven decision making & targeted instruction to address needs

Literacy

K-2
Focusing on phonemic awareness, phonics, and written expression

Grade 3
Understanding and using text features to locate and interpret information

Grade 4
Citing text evidence to support analysis and higher level thinking

Math

Grade 3
Solving problems involving fractions and area

Grades 3 & 4
Writing to explain mathematical thinking and process

Grade 4
Understanding and solving multi-step problems

Woodland Elementary School Data

1

**Building Level
Score**

86.3

- Pro/Adv
- Growth
- Attendance

2

% Proficient/Advanced

3

Growth Score

	3rd	4th		4th
ELA	72.8	69.0		75.0
Math	72.8	71.8		96.0
Science	n/a	91.5		100

Woodland Elementary School



Continue data-driven decision making & targeted instruction to address needs

Literacy

Grade 3
Identifying author's point of view & Compare/contrast themes, plots, and settings

Grades 3 & 4
Writing
Drawing evidence from texts

Grade 4
Identifying the reasons and evidence to support a particular point and identifying text structure

Math

Grade 3
Comparing and creating equivalent fractions

Grades 3 & 4
Using multiple strategies to solve problems

Grade 4
Solving multi-step problems involving rational numbers

Worcester Elementary School Data

1

Building Level
Score

82.3

- Pro/Adv
- Growth
- Attendance

2

% Proficient/Advanced

3

Growth Score

	3rd	4th		4th
ELA	77.7	79.3		58.0
Math	68.8	81.5		83.0
Science	n/a	95.1		90.0

Worcester Elementary School



Continue data-driven decision making & targeted instruction to address needs

Literacy

K-2
Focusing on phonemic awareness, phonics, and written expression

Grade 3
Compare and contrast the story elements between two similar texts

Grade 4
Citing text evidence to support analysis and higher level thinking

Math

Grade 3
Creating and comparing and Equivalent Fractions

Grades 3 & 4
Writing to explain mathematical thinking and process

Grade 4
Solve multi-step problems including those with fractions and decimals

A Closer Look at Learning Loss



- *Learning loss, overall, impacted Methacton students commensurate to county and state data.*
- *As a result of the pandemic, districts were expected to have higher numbers of students needing remedial reading and math instruction as well as using MTSS in order to achieve grade-level learning goals.*
- *Schools must intensify Tier 1 Core instruction to help all students with supports targeted to specific skills.*

Recommendations for Math

- *Two Additional K-4 Math Specialists* (January 2023)*
- *One Additional 5-6 Math Specialist* (January 2023)*
- *New Textbook/Resource Recommendation (February 2023)*
- *Continuation of K-12 Math Coaches to support teacher efficacy*
- *Continuation of Math Virtual Help Desk* Grades 7-12*
- *Continuation of Curriculum Support Room at Methacton High School*
- *Continuation of 8th Period Intervention Support at Arcola Intermediate*
- *Math Progression Work at High School Level*

**Funding through ESSER-3 Grant*



Recommendations for Literacy

- *One 7-8 Reading Specialist (January 2023)*
- *Two K-4 Literacy Coaches* (Fall 2023)*
- *One 5-8 Literacy Coach* (Fall 2023)*
- *Explore Intervention Specialist* Role at Arcola and High School (January 2023; potential Fall 2023)*
- *Continuation of Lexia to support students in Grades 1-4*

**Funding through ESSER-3 Grant*



Act 55: Structured Literacy

Structured Literacy includes:

Phonemic Awareness

Phonics

Fluency

Vocabulary

Comprehension

District Will Provide:

- *A professional development plan tied to certification that addresses Structured Literacy effective 2022-2023*
- *A universal reading screener to all students*
- *A plan to address closing the achieving gap among all students*
- *MTSS process to identify and target reading needs.*

Defined Measures of Success:

2023-2024

- *All students will meet or exceed their expected growth as measured by Fall to Spring Benchmark Data*
- *All tested grades/subjects will show at least one year of growth in ELA & Math as measured by PVAAS*

2024-2025

- *All schools will increase their building level scores by at least one decile by increasing achievement and growth scores in PSSA/Keystones*



Thank you!