

# Merrimack District Assessment Results



## School Year 2023-2024

State Testing- Spring 2024  
SAT/PSAT Testing Day- Spring 2024  
Heggerty, LETRS, and I-Ready

# MSD Assessment & Progress Monitoring Tools

The Merrimack School District uses a variety of tools and assessments to monitor student progress and guide our instruction. This includes:

- Heggerty: Kindergarten - Grade 2
- LETRS: Grades 3 & 4
- iReady: Kindergarten - Grade 8
- NH SAS: Grades 3-8, & 11 for Science
- PSATs: Grades 9 & 10
- SATs: Grade 11



# HEGGERTY ASSESSMENT Grades K-2

- The purpose of this assessment is to gather information and monitor student progress with the Heggerty Phonemic Awareness lessons.
- This assessment can be used to gather baseline data about a whole class prior to implementing the Heggerty Phonemic Awareness curriculum as part of daily literacy instruction.
- This is not a normed assessment, so teachers may use examples when introducing each skill. Options for correct and incorrect responses are provided for teacher administration.

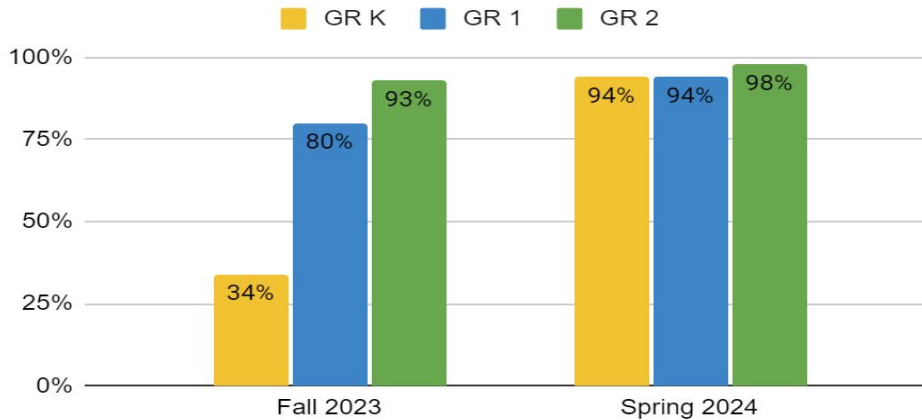


This is the 3rd year of Heggerty in the district. All 3 lower elementary schools are using the Heggerty Assessment. It is given 3 times a year- fall, winter, spring. There are 8 sections with a total score of 40.

# HEGGERTY 23-24 Grades K-2

## Growth from Fall to Spring

### Heggerty Proficiency Grades K-2



Scoring:	Beginning	Developing	Proficient
Subject	0-2	3-4	5



Kindergarten had a 60% increase for the year from Fall to Spring.

1st grade had a 14% increase for the year from Fall to Spring.

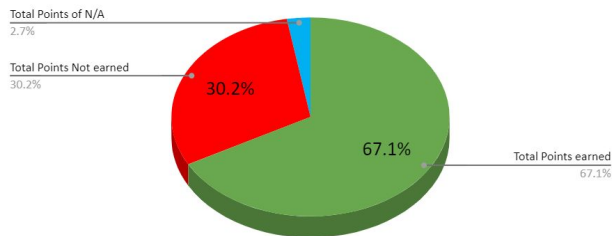
2nd grade had a 5% increase for the year from Fall to Spring.

You can see second graders start at a high proficiency percentage from the beginning of the year, with a small percentage needing further intervention based on results.

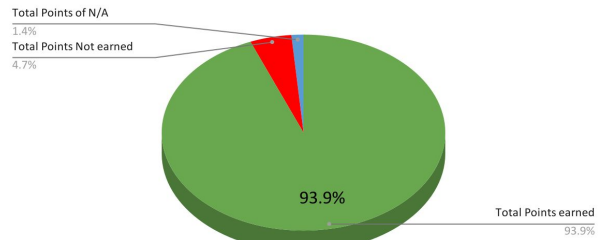
# HEGGERTY 23-24 Grades K-2

## Show of Total Points Scored

**District Fall 2023 Heggerty  
All Grades K-2**



**DISTRICT SPRING 23-24 HEGGERTY  
All Grades K-2**



Scoring:	Beginning	Developing	Proficient
Subject	0-2	3-4	5



Total points possible earned increased 26.8% from fall to spring.  
Total points not earned decreased by 25.5%.

# LETRS

- This tool is a survey for identifying the phonemic skills and patterns students have learned, and which ones still need to be taught. When patterns are “learned,” they can be read automatically, without guesswork. This survey can be used with students from the last half of kindergarten onward.
- LETRS was introduced this school year and given to all students in Grades 3 & 4. It was administered three (3) times (fall, winter, spring), using the decoding skill section of the LETRS Phonics and Word-Reading Survey. Each section is scored with a total of 146 total points.
- The series of tasks is organized according to a progression of phonic elements and syllable types that increase in difficulty. The number of subtests given will depend on how far the student can go with at least some success.

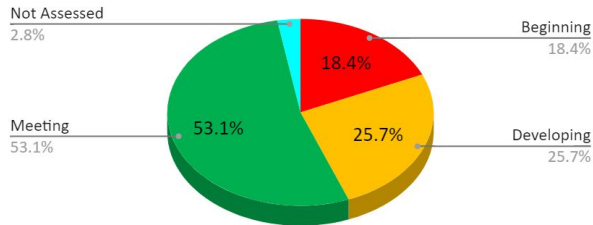


LETRS was introduced this year to grades 3 & 4. It is given 3 times a year-fall, winter, spring. Using the decoding skill section of the LETRS Phonics and Word-Reading Survey, each section is scored with a total of 146 total points.

# LETRS

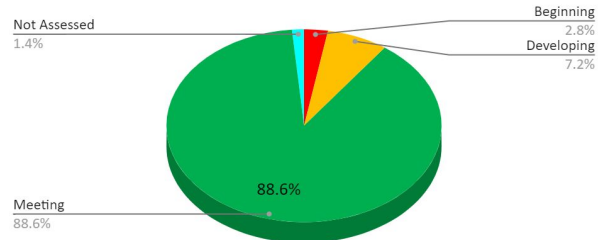
## Proficiency Growth from Fall to Spring

**DISTRICT LETRS FALL 23-24**  
**Grades 3 & 4**



LETRS	Total
Beginning	1-37
Developing	88-116
Meeting	117-146

**DISTRICT LETRS SPRING 23024**  
**Grades 3 & 4**



There was a 35.5% increase from fall to spring in proficiency for the LETRS assessment.






Scoring sections are labeled F-O. By Spring, the first 4 sections (F-I) all had an 80% or higher score. Section K- Complex Consonant Patterns-was the more challenging section for students.



# I-READY 2023-2024

## Understanding *i-Ready's* Criterion Referenced Relative Placement Levels

*i-Ready's* placement levels are criterion-referenced, reflecting what students are expected to know at each grade level and in each content area. In the following analyses, student performance is described using the following five relative placement levels:

 <b>Mid or Above Grade Level</b>	Students at this level have met or surpassed the minimum requirements for the expectations of college- and career-ready standards in their grade level. Students will benefit from instruction in late on-grade level topics, or above-grade level instruction.
 <b>Early On Grade Level</b>	Students at this level have only partially met grade-level expectations. They will benefit from continued grade-level instruction.
 <b>1 Grade Level Below</b>	Students placing one level below are approaching grade level expectations and can be ready for grade-level instruction with targeted support.
 <b>2 Grade Levels Below</b>	Students placing two or more grades below level will likely need additional support with key skills below their chronological grade level to be ready for grade-level instruction.
 <b>3+ Grade Levels Below</b>	



I-Ready was new this year for the district. Given 3 times throughout the year- fall, winter, and spring.

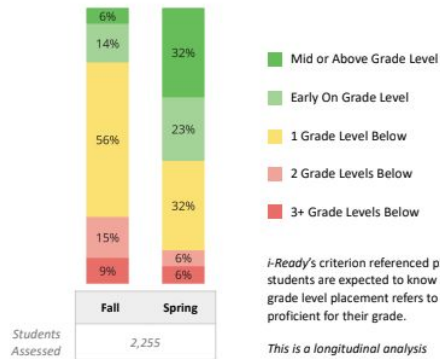


# I-READY 2023-2024 Mathematics

Mathematics

## How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 23-24 to Spring 23-24



i-Ready's criterion referenced placements are an indication of what students are expected to know at each grade level. The mid or above grade level placement refers to students who may be considered proficient for their grade.

This is a longitudinal analysis



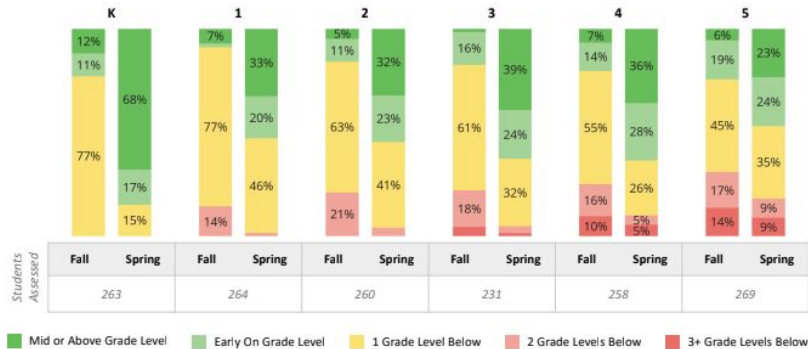
1 Grade Level Below is where students entering in the fall are expected to be, they just finished a grade, and are ready to begin learning in a new grade. In the fall there were 20% of student who were at Early On Grade Level and Mid or Above Grade Level, by Spring that increased to 55% students. There are 4 areas in mathematics: Numbers & Operations, Algebra & Algebraic Thinking, Measurement & Data, and Geometry. Geometry is the weakest area, based on results district wide.

# I-READY 2023-2024 Mathematics

Mathematics

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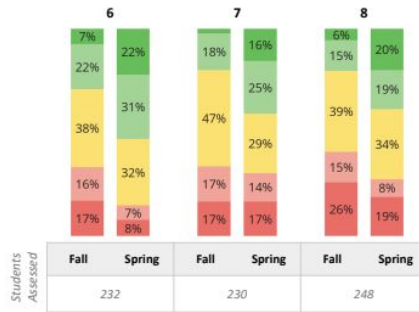


# I-READY 2023-2024 Mathematics

Mathematics

## How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 23-24 to Spring 23-24



■ Mid or Above Grade Level 
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 ■ 1 Grade Level Below 
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 ■ 3+ Grade Levels Below

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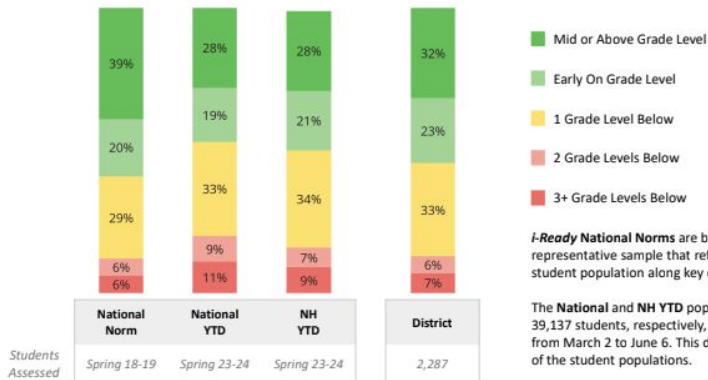


# I-READY 2023-2024 Mathematics

Mathematics

## How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



*i-Ready National Norms* are based on a nationally representative sample that reflects the makeup of the US student population along key demographic characteristics.

The **National** and **NH YTD** populations include 9,395,310 and 39,137 students, respectively, who completed a Diagnostic from March 2 to June 6. This data may not be representative of the student populations.



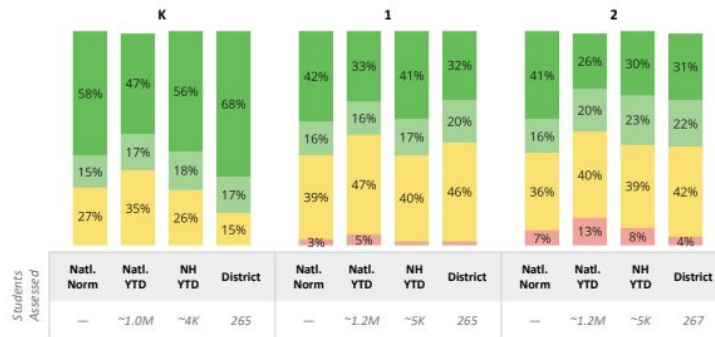
The district did slightly better than students in NH and Nationally for the year. National YTD (greens together) was 47%, NH YTD was 49%, and Merrimack was 55%.

# I-READY 2023-2024 Mathematics

Mathematics

## How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



■ Mid or Above Grade Level 
 ■ Early On Grade Level 
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Natl. Norm: i-Ready National Norms Spring 18-19

Natl. YTD: National Year-to-Date Spring 23-24

NH YTD: NH Year-to-Date Spring 23-24

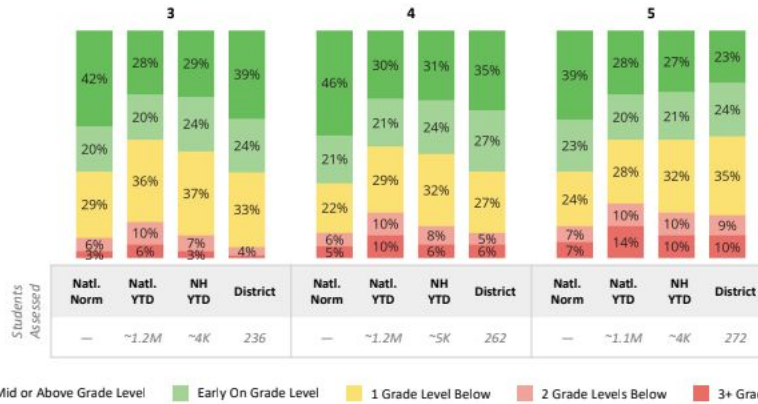


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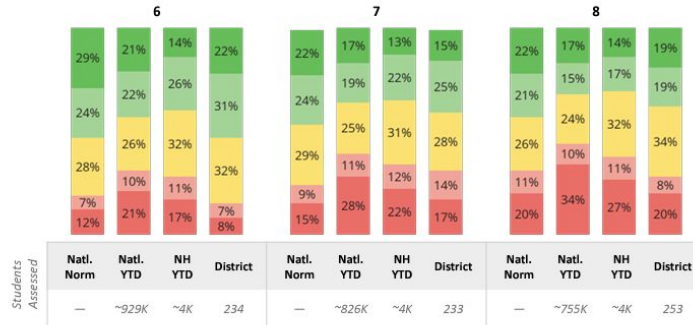


# I-READY 2023-2024 Mathematics

Mathematics

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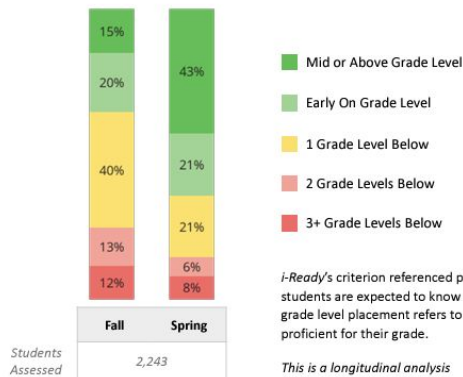


# I-READY 2023 -2024 Reading

Reading

## How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 23-24 to Spring 23-24



i-Ready's criterion referenced placements are an indication of what students are expected to know at each grade level. The mid or above grade level placement refers to students who may be considered proficient for their grade.

This is a longitudinal analysis



1 Grade Level Below is where students entering in the fall are expected to be, they just finished a grade, and are ready to begin learning in a new grade. In the fall there were 35% of student who were at Early On Grade Level and Mid or Above Grade Level, by Spring that increased to 64% students. There are 7 areas in reading: Phonological Awareness, Phonics, High Frequency Words, Vocabulary, Comprehension Overall, Comprehension:Literature, Comprehension: Informational Text. Overall the district performed higher in reading than mathematics.

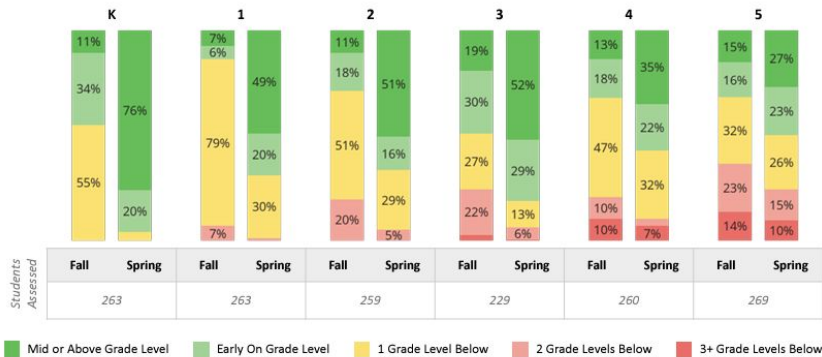


# I-READY 2023 -2024 Reading

Reading

## How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 23-24 to Spring 23-24



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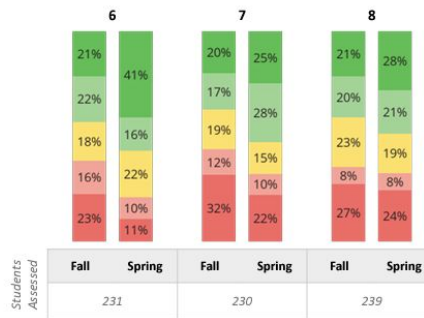


# I-READY 2023 -2024 Reading

Reading

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Placement Distribution, Fall 23-24 to Spring 23-24



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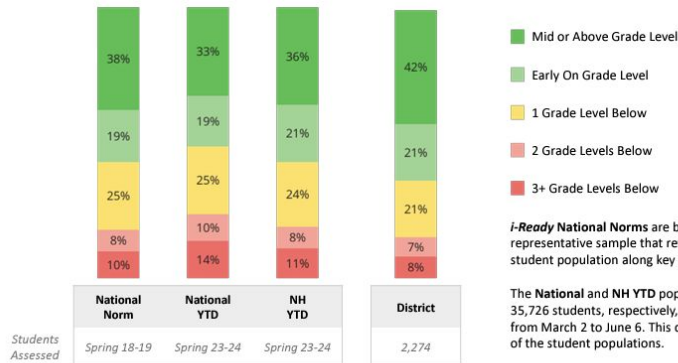


# I-READY 2023 -2024 Reading

## How Do the District's Placements Compare to the Benchmarks?

Reading

Spring Placement Distribution for District and Benchmarks



*i-Ready National Norms* are based on a nationally representative sample that reflects the makeup of the US student population along key demographic characteristics.

The **National** and **NH YTD** populations include 8,158,697 and 35,726 students, respectively, who completed a Diagnostic from March 2 to June 6. This data may not be representative of the student populations.



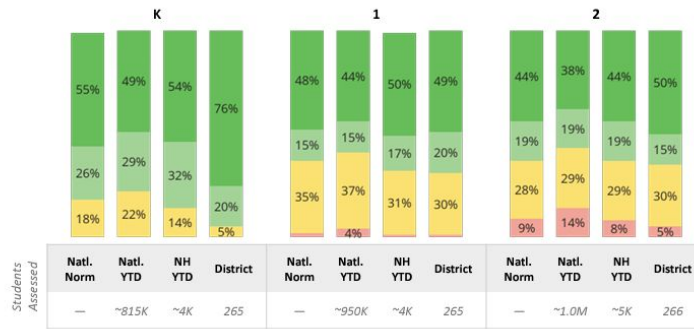
Merrimack students had a higher proficiency than students in NH and Nationally for the year- National YTD (greens together) was 52%, NH YTD was 57%, and Merrimack was 63%.

# I-READY 2023 -2024 Reading

Reading

## How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



Mid or Above Grade Level Early On Grade Level 1 Grade Level Below 2 Grade Levels Below 3+ Grade Levels Below

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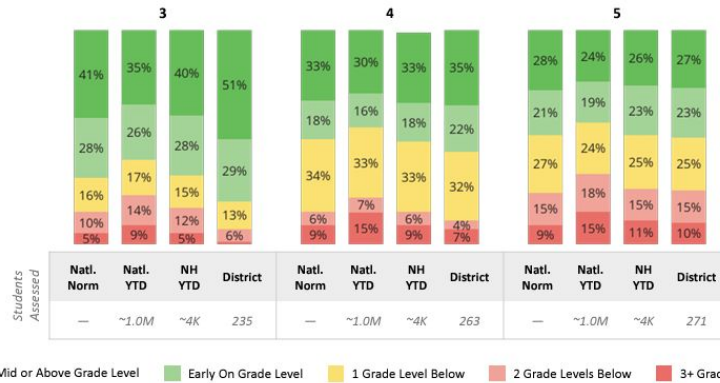


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Reading

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Spring Placement Distribution for District and Benchmarks



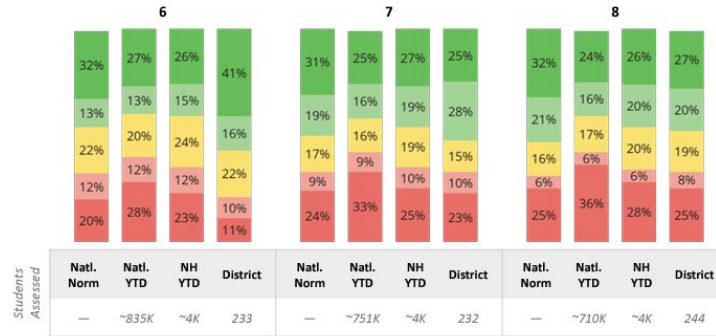
i-Ready

# I-READY 2023 -2024 Reading

Reading

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NH YTD: NH Year-to-Date Spring 23-24



# State Assessments



Annually, New Hampshire school districts and public charter schools are required by state law ([RSA 193-C](#)) and federal accountability laws ([Every Student Succeeds Act](#)) to assess students using a standardized assessment. Several assessments, outlined below, are utilized in order to comply with these requirements

- **New Hampshire Statewide Assessments (NH SAS)** - New Hampshire students participate in the NH SAS, the general statewide assessment for English language arts (ELA) and mathematics (Grades 3-8), and science (Grades 5, 8, and 11).
- **Dynamic Learning Maps (DLM)** - the DLM is an alternate assessment given to students with significant cognitive disabilities as designed in their active individualized education program (IEP). The English language arts and math test are administered in grades 3-8, while the DLM for science is administered in grades 5 and 8 only.
- **ACCESS 2.0 for English Language Learners** - Federal law requires that English learner (EL) students be assessed annually to measure English language proficiency (ELP) in reading, writing, speaking and listening. ACCESS for ELLs is New Hampshire's approved ELP assessment administered to EL students in Kindergarten through Grade 12.

# Importance of Statewide Assessments

Statewide assessments are an important part of a student's core educational program by providing:

- An evaluation of student mastery of content and skills in various academic areas
- Serve as one tool for measuring the degree to which students are on track to graduate high school and are college- and career-ready
- Help inform future instruction in the classroom

Along with student work on classroom assignments, projects, essays and local assessments, state assessment results give teachers, parents, and the community important information about where students are on their path toward academic success.





# The New Hampshire Statewide Assessment System - NH SAS

- New Hampshire students participate in the NH SAS, the general statewide assessment, for English language arts (ELA), mathematics and science in the following grades and content areas:
  - Students in Grades 3-8 are assessed in English language arts and mathematics
  - Students in Grades 5, 8 and 11 are assessed in science
  - Grade 11 students also participate in the College Board SAT School Day with Essay
- The NH SAS is administered annually in the Spring (not in Spring of 2020 due to COVID).



# Merrimack School District Results Spring 2024

- NH SAS Grades 5, 8, and 11 Science
- NH SAS Grade 3-8 Mathematics
  - Cohort Comparisons for each grade level
- NH SAS Grade 3-8 ELA
  - Cohort Comparisons for each grade level



# GRADE 3 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 3** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literacy Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		231	598 ± 2	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count14%3224%5528%6534%79</div>	62%			
<a href="#">James Mastricola Elementary...</a>		66	599 ± 4	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count9%627%1833%2230%20</div>	64%			
<a href="#">Reeds Ferry School</a>		71	597 ± 4	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count17%1223%1623%1638%27</div>	61%			
<a href="#">Thorntons Ferry School</a>	94	598 ± 4	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count15%1422%2129%2734%32</div>	63%				



In this slide all 3 schools performed very similar to each other in ELA.

Looking at the District results in Reading Informational Text- 39% of students are On or Above Level, 49% At or Approaching, and 13% Low.

Looking at the District results in Reading Literacy Text- 34% students are On or Above Level, 47% At or Approaching, and 19% Low.

# GRADE 3 MATH

Average Score and Performance Distribution for **Summative: Math Grade 3** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Student Count	Average Scale Score	Performance Distribution	Percent Proficient	Measurement, Data, and Geometry	Modeling and Problem Solving	Number and Operations in Base 10 and Fractions	Operations and Algebraic Thinking	Use Mathematical Reasoning
District		235	441 ± 2	 Percent: 13% 22% 34% 31% Count: 31 52 80 72	65%					
<a href="#">James Masticola Elementary...</a>		65	445 ± 3	 Percent: 5% 22% 43% 31% Count: 3 14 28 20	74%					
<a href="#">Reeds Ferry School</a>		74	442 ± 3	 Percent: 15% 19% 34% 32% Count: 11 14 25 24	66%					
<a href="#">Thorntons Ferry School</a>		96	437 ± 3	 Percent: 18% 25% 28% 29% Count: 17 24 27 28	57%					



In this slide you can see the 3 elementary schools-grade 3 math results. MES has the largest proficiency percentage, with 48 out of 65 students meeting that level.

Looking at the District results by subject:

Measurement, Data, and Geometry- 38% On or Above Level, 44% At or Approaching, 17% Low.

Modeling and Problem Solving- 36% On or Above Level, 46% At or Approaching, 18% Low.

Number and Operations in Base 10 and Fractions- 41% On or Above Level, 44% At or Approaching, 15% Low.

Operations and Algebraic Thinking- 36% On or Above Level, 46% At or Approaching, 18% Low.

Use Mathematical Reasoning- 35% On or Above Level, 50% At or Approaching, 15% Low.

# GRADE 4 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 4** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literacy Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution		Percent Proficient		
District		258	607 ± 2	 Percent Count 20% 52 24% 61 34% 89 22% 56		56%		
<a href="#">James Mastricola Elementary ...</a>		74	608 ± 4	 Percent Count 22% 16 20% 15 36% 27 22% 16		58%		
<a href="#">Out of District School</a>		1	567	 Percent Count 100% 1		0%		
<a href="#">Reeds Ferry School</a>		78	614 ± 3	 Percent Count 8% 6 29% 23 41% 32 22% 17		63%		
<a href="#">Thorntons Ferry School</a>		105	601 ± 4	 Percent Count 28% 29 22% 23 29% 30 22% 23		50%		



In 4th grade ELA over half of the students who tested are proficient, which shows an increase from their scores as 3rd graders. In 3rd grade they had a 48% proficiency. Looking at the District results in Reading Informational Text- 29% of students are On or Above Level, 57% At or Approaching, and 14% Low. Looking at the District results in Reading Literacy Text- 25% students are On or Above Level, 52% At or Approaching, and 32% Low.

# 4th Graders Yearly Historical Data

## Cohort Comparison - Grades 3 & 4

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Reading Informational Text	Reading Literary Text
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4		
6/5/2023	Summative: ELA Grade 3	Spring 2023 (SAS Summative)		583 ± 2	20	32	31	17		
3/19/2024	Summative: ELA Grade 4	Spring 2024 (SAS Summative)		607 ± 2	19	24	35	22		

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 48% proficiency (combining levels 3 & 4)  
 In 4th grade students increased their proficiency to 57%.

# GRADE 4 MATH

Average Score and Performance Distribution for **Summative: Math Grade 4** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By: **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Measurement, Data, and Geometry	Modeling and Problem Solving	Number and Operations in Base 10 and Fractions	Operations and Algebraic Thinking	Use Mathematical Reasoning										
		Student Count	Average Scale Score	Performance Distribution		Percent Proficient														
District		257	460 ± 2	<table><tr><th>Percent</th><td>20%</td><td>29%</td><td>30%</td><td>21%</td></tr><tr><th>Count</th><td>51</td><td>75</td><td>78</td><td>53</td></tr></table>		Percent	20%	29%	30%	21%	Count	51	75	78	53	51%				
Percent	20%	29%	30%	21%																
Count	51	75	78	53																
<a href="#">James Mastricola Elementary...</a>		74	459 ± 4	<table><tr><th>Percent</th><td>18%</td><td>39%</td><td>26%</td><td>18%</td></tr><tr><th>Count</th><td>13</td><td>29</td><td>19</td><td>13</td></tr></table>		Percent	18%	39%	26%	18%	Count	13	29	19	13	43%				
Percent	18%	39%	26%	18%																
Count	13	29	19	13																
<a href="#">Reeds Ferry School</a>		78	477 ± 3	<table><tr><th>Percent</th><td>4%</td><td>22%</td><td>44%</td><td>31%</td></tr><tr><th>Count</th><td>3</td><td>17</td><td>34</td><td>24</td></tr></table>		Percent	4%	22%	44%	31%	Count	3	17	34	24	74%				
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<a href="#">Thorntons Ferry School</a>		105	449 ± 4	<table><tr><th>Percent</th><td>33%</td><td>28%</td><td>24%</td><td>15%</td></tr><tr><th>Count</th><td>35</td><td>29</td><td>25</td><td>16</td></tr></table>		Percent	33%	28%	24%	15%	Count	35	29	25	16	39%				
Percent	33%	28%	24%	15%																
Count	35	29	25	16																



In grade 4 Math RFS performed highest, with 74% proficiency.

Looking at the District results by subject:

Measurement, Data, and Geometry- 26% On or Above Level, 51% At or Approaching, 23% Low.

Modeling and Problem Solving- 28% On or Above Level, 52% At or Approaching, 20% Low.

Number and Operations in Base 10 and Fractions- 33% On or Above Level, 37% At or Approaching, 30% Low.

Operations and Algebraic Thinking- 24% On or Above Level, 52% At or Approaching, 24% Low.

Use Mathematical Reasoning- 30% On or Above Level, 43% At or Approaching, 27% Low.

# 4th Graders Yearly Historical Data

## Cohort Comparison - Grades 3 & 4

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Measurement, Data, and G...	Modeling and Problem Solv...	Number and Operations In ...	Operations and Algebraic T...	Use Mathematical Reason...
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4					
6/12/2023	Summative: Math Grade 3	Spring 2023 (SAS Summative)	Overall	433 ± 2	17	28	34	21					
5/31/2024	Summative: Math Grade 4	Spring 2024 (SAS Summative)		461 ± 2	20	30	29	21					

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 55% proficiency (combining levels 3 & 4)  
 In 4th grade students decreased their proficiency to 50%.



# GRADE 5 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 5** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literary Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		260	625 ± 3	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count24%6220%5238%10018%46</div>	56%			
<a href="#">James Mastricola Upper Elem...</a>	260	625 ± 3	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count24%6220%5238%10018%46</div>	56%				



Looking at the District results by subject:

In Reading Informational Text 37% are On Level or Above, 43% At or Approaching, and 20% Low.

In Reading Literary Text 30% are On Level or Above, 48% At or Approaching, and 22% Low.

# 5th Graders Yearly Historical Data

## Cohort Comparison - Grades 3, 4, & 5

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Reading Informational Text	Reading Literary Text
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4		
6/9/2022	Summative: ELA Grade 3	Spring 2022 (SAS Summative)	Overall	587 ± 3 ⓘ	18	28	32	22		
6/7/2023	Summative: ELA Grade 4	Spring 2023 (SAS Summative)		604 ± 3 ⓘ	24	22	32	22		
3/11/2024	Summative: ELA Grade 5	Spring 2024 (SAS Summative)		628 ± 3 ⓘ	21	19	41	19		

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 54% proficiency (combining levels 3 & 4)

In 4th grade students also had 54% proficiency.

In 5th grade students increased their proficiency to 60%.

# GRADE 5 MATH

Average Score and Performance Distribution for **Summative: Math Grade 5** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Measurement, Data, and Geometry	Modeling and Problem Solving	Number and Operations in Base 10 and Fractions	Operations and Algebraic Thinking	Use Mathematical Reasoning
	Student Count	Average Scale Score	Performance Distribution				Percent Proficient			
District	261	471 ± 3					29%			
James Mastricola Upper Elem...	261	471 ± 3					29%			



Grade 5's highest performing area was Number and Operations in Base 10 and Fractions. Measurement, Data, and Geometry gave them the most trouble.

Looking at the District results by subject:

Measurement, Data, and Geometry- 8% On or Above Level, 46% At or Approaching, 46% Low.

Modeling and Problem Solving- 12% On or Above Level, 48% At or Approaching, 39% Low.

Number and Operations in Base 10 and Fractions- 20% On or Above Level, 36% At or Approaching, 45% Low.

Operations and Algebraic Thinking- 7% On or Above Level, 51% At or Approaching, 41% Low.

Use Mathematical Reasoning- 14% On or Above Level, 55% At or Approaching, 31% Low.

# 5th Graders Yearly Historical Data

## Cohort Comparison - Grades 3, 4, & 5

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	✕	Overall					↕	↕	↕	↕	↕
			Overall	Average Score	%Level 1	%Level 2	%Level 3	%Level 4	Measurement, Data, and Geometry	Modeling and Problem Solving	Number and Operations in Base 10 an...	Operations and Algebraic Thinking	Use Mathematical Reasoning
6/10/2022	Summative: Math Grade 3	Spring 2022 (SAS Summative)		433 ± 2 ⓘ	19	28	30	23					
6/6/2023	Summative: Math Grade 4	Spring 2023 (SAS Summative)		456 ± 2 ⓘ	18	36	31	15					
5/10/2024	Summative: Math Grade 5	Spring 2024 (SAS Summative)		473 ± 3 ⓘ	31	39	18	12					

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 53% proficiency (combining levels 3 & 4)

In 4th grade students decreased to 46% proficiency.

In 5th grade students decreased their proficiency to 30%.

# GRADE 5 SCIENCE

Average Score and Performance Distribution for **Summative: Science Grade 5** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Earth and Space Sciences	Life Sciences	Physical Sciences
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		261	547 ± 1	<div><div><div></div><div></div><div></div><div></div></div><div>Percent Count39%24%26%11%101626830</div></div>	38%			
<a href="#">James Mastricola Upper Elem...</a>		261	547 ± 1	<div><div><div></div><div></div><div></div><div></div></div><div>Percent Count39%24%26%11%101626830</div></div>	38%			



Grade 5 students performed best in Life Science for this summative assessment.

Looking at district results by subject:

Earth and Space Science- 9% On or Above Level, 60% At or Approaching, 31% Low.

Life Science- 11% On or Above Level, 52% At or Approaching, 37% Low.

Physical Science- 9% On or Above Level, 56% At or Approaching, 35% Low.

# GRADE 6 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 6** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literary Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		221	646 ± 3	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count17%3726%5744%9714%30</div>	57%			
<a href="#">James Masticola Upper Elem...</a>		219	646 ± 3	<div><div></div><div></div><div></div><div></div></div> <div>Percent Count16%3526%5744%9714%30</div>	58%			
<a href="#">Out of District School</a>		2	570 ± 8	<div><div></div></div> <div>Percent Count100%2</div>	0%			



Looking at the District results by subject:

In Reading Informational Text- 30% are On Level or Above, 58% At or Approaching, and 12% Low.

In Reading Literary Text- 28% are On Level or Above, 52% At or Approaching, and 20% Low.

# 6th Graders Yearly Historical Data

## Cohort Comparison - Grades 3, 4, 5, & 6

Date	Test Label	Test Reason	Overall	Overall					Reading Informational Text	Reading Literary Text
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4		
6/8/2021	Summative: ELA Grade 3	Spring 2021 (SAS Summative)		586 ± 3 ⓘ	20	27	30	23		
6/7/2022	Summative: ELA Grade 4	Spring 2022 (SAS Summative)		600 ± 3 ⓘ	26	25	30	18		
5/22/2023	Summative: ELA Grade 5	Spring 2023 (SAS Summative)		622 ± 3 ⓘ	27	20	37	16		
3/11/2024	Summative: ELA Grade 6	Spring 2024 (SAS Summative)		648 ± 3 ⓘ	14	27	45	14		

Proficiency = Level 3 & Level 4  
Combined

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 53% proficiency (combining levels 3 & 4)  
 In 4th grade students had 48% proficiency.  
 In 5th grade students increased their proficiency to 53%.  
 In 6th grade students increased their proficiency to 59%.

# GRADE 6 MATH

Average Score and Performance Distribution for **Summative: Math Grade 6** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Expressions and Equations	Geometry & Statistics and Probability	Modeling and Problem Solving	Ratios and Proportional Relationships and Number Syst...	Use Mathematical Reasoning					
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient										
District		219	515 ± 3	<div><div></div><div></div><div></div><div></div></div> <div><table><tr><td>Percent</td><td>21%</td><td>29%</td><td>28%</td><td>21%</td></tr><tr><td>Count</td><td>46</td><td>64</td><td>62</td><td>47</td></tr></table></div>	Percent	21%	29%	28%	21%	Count	46	64	62	47	50%
Percent	21%	29%	28%	21%											
Count	46	64	62	47											
<a href="#">James Mastricola Upper Elem...</a>		217	516 ± 3	<div><div></div><div></div><div></div><div></div></div> <div><table><tr><td>Percent</td><td>20%</td><td>29%</td><td>29%</td><td>22%</td></tr><tr><td>Count</td><td>44</td><td>64</td><td>62</td><td>47</td></tr></table></div>	Percent	20%	29%	29%	22%	Count	44	64	62	47	50%
Percent	20%	29%	29%	22%											
Count	44	64	62	47											
<a href="#">Out of District School</a>		2	432 ± 3	<div><div></div></div> <div><table><tr><td>Percent</td><td>100%</td></tr><tr><td>Count</td><td>2</td></tr></table></div>	Percent	100%	Count	2	0%						
Percent	100%														
Count	2														



Grade 6's highest performing area was Ratios and Proportional Relationships and Number Systems.

Looking at the District results by subject:

Expressions and Equations- 32% On or Above Level, 41% At or Approaching, 27% Low.

Geometry and Statistics and Probability- 11% On or Above Level, 60% At or Approaching, 28% Low.

Modeling and Problem Solving- 31% On or Above Level, 49% At or Approaching, 20% Low.

Ratios and Proportional Relationships and Number Systems- 35% On or Above Level, 37% At or Approaching, 29% Low.

Use Mathematical Reasoning- 22% On or Above Level, 59% At or Approaching, 20% Low.



# 6th Graders Yearly Historical Data

## Cohort Comparison - Grades 3, 4, 5, & 6

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	✕	Overall					↕	↕	↕	↕	↕
			Overall	Average Score	%Level 1	%Level 2	%Level 3	%Level 4	Expressions and Equations	Geometry & Statistics and Probability	Modeling and Problem Solving	Ratios and Proportional Relationships and Numb...	Use Mathematical Reasoning
6/8/2021	Summative: Math Grade 3	Spring 2021 (SAS Summative)		437 ± 2 ⓘ	13	28	30	28					
6/10/2022	Summative: Math Grade 4	Spring 2022 (SAS Summative)		461 ± 3 ⓘ	16	34	31	19					
5/24/2023	Summative: Math Grade 5	Spring 2023 (SAS Summative)		472 ± 3 ⓘ	37	31	23	10					
5/21/2024	Summative: Math Grade 6	Spring 2024 (SAS Summative)		520 ± 4 ⓘ	17	30	30	23					

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 3rd grade students had a 58% proficiency (combining levels 3 & 4)

In 4th grade students had 50% proficiency.

In 5th grade students decreased their proficiency to 43%.

In 6th grade students increased their proficiency to 53%.

# GRADE 7 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 7** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literary Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		220	644 ± 3	<div><div>Percent</div><div>Count</div><div><div><div></div><div></div><div></div><div></div></div><div><div>23%</div><div>22%</div><div>42%</div><div>13%</div></div><div><div>51</div><div>48</div><div>92</div><div>29</div></div></div></div>	55%			
<a href="#">Merrimack Middle School</a>	220	644 ± 3	<div><div>Percent</div><div>Count</div><div><div><div></div><div></div><div></div><div></div></div><div><div>23%</div><div>22%</div><div>42%</div><div>13%</div></div><div><div>51</div><div>48</div><div>92</div><div>29</div></div></div></div>	55%				



Looking at the District results by subject:

In Reading Informational Text- 25% are On Level or Above, 55% At or Approaching, and 20% Low.

In Reading Literacy Text- 30% are On Level or Above, 49% At or Approaching, and 21% Low.

# 7th Graders Yearly Historical Data

## Cohort Comparison - Grades 4, 5, 6, & 7


Date	Test Label	Test Reason	Overall	Overall					Reading Informational Text	Reading Literary Text
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4		
6/2/2021	Summative: ELA Grade 4	Spring 2021 (SAS Summative)		603 ± 3 ⓘ	27	22	31	20		
5/24/2022	Summative: ELA Grade 5	Spring 2022 (SAS Summative)		627 ± 3 ⓘ	21	20	40	19		
6/5/2023	Summative: ELA Grade 6	Spring 2023 (SAS Summative)		652 ± 3 ⓘ	11	27	45	17		
3/14/2024	Summative: ELA Grade 7	Spring 2024 (SAS Summative)		647 ± 4 ⓘ	19	22	46	13		

Proficiency = Level 3 & Level 4 Combined
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GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient

In 4th grade students had 51% proficiency (combining levels 3 & 4).  
 In 5th grade students increased their proficiency to 59%.  
 In 6th grade students increased their proficiency to 62%.  
 In 7th grade students had a 59% proficiency.

# GRADE 7 MATH

Average Score and Performance Distribution for **Summative: Math Grade 7** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total				Expressions and Equations	Geometry	Modeling and Problem Solving	Ratios and Proportional Relationships and N...	Statistics and Probability	Use Mathematical Reasoning
	Student Count	Average Scale Score	Performance Distribution		Percent Proficient					
District	220	529 ± 4			35%					
<a href="#">Merrimack Middle School</a>	220	529 ± 4			35%					



Students in 7th grade had the highest percentage of students On Level with 20% in Use Mathematical Reasoning. Students in all areas primarily fell At or Approaching level benchmark.

Looking at the District results by subject:

Expressions and Equations- 13% On or Above Level, 54% At or Approaching, 33% Low.

Geometry- 15% On or Above Level, 56% At or Approaching, 29% Low.

Modeling and Problem Solving- 17% On or Above Level, 48% At or Approaching, 35% Low.

Ratios and Proportional Relationships and Number Systems- 17% On or Above Level, 42% At or Approaching, 41% Low.

Statistics and Probability- 16% On or Above Level, 60% At or Approaching, 24% Low.

Use Mathematical Reasoning- 20% On or Above Level, 50% At or Approaching, 30% Low.

# 7th Graders Yearly Historical Data

## Cohort Comparison - Grades 4, 5, 6, & 7

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Expressions and Equations	Geometry	Modeling and Problem Solving	Ratios and Proportional Relationships and Numb...	Statistics and Probability	Use Mathematical Reasoning
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4						
6/9/2021	Summative: Math Grade 4	Spring 2021 (SAS Summative)		448 ± 2 <span>1</span>	28	33	33	5						
5/26/2022	Summative: Math Grade 5	Spring 2022 (SAS Summative)		476 ± 3 <span>1</span>	33	36	21	10						
6/7/2023	Summative: Math Grade 6	Spring 2023 (SAS Summative)		519 ± 3 <span>1</span>	16	30	37	17						
5/22/2024	Summative: Math Grade 7	Spring 2024 (SAS Summative)		531 ± 4 <span>1</span>	30	35	19	16						

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 4th grade students had 38% proficiency (combining levels 3 & 4).

In 5th grade students had 31% proficiency.

In 6th grade students increased their proficiency to 54%.

In 7th grade students had 35% proficiency.

# GRADE 8 ELA

Average Score and Performance Distribution for **Summative: ELA Grade 8** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Reading Informational Text	Reading Literary Text	Writing Dimensions
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		246	664 ± 3	<div><div><div></div><div></div><div></div><div></div></div><div>Percent Count20%4825%6138%9417%43</div></div>	56%			
<a href="#">Merrimack Middle School</a>	246	664 ± 3	<div><div><div></div><div></div><div></div><div></div></div><div>Percent Count20%4825%6138%9417%43</div></div>	56%				



Looking at the District results by subject:

In Reading Informational Text- 30% are On Level or Above, 53% At or Approaching, and 17% Low.

In Reading Literacy Text- 24% are On Level or Above, 55% At or Approaching, and 20% Low.

# 8th Graders Yearly Historical Data

## Cohort Comparison - Grades 5, 6, 7 & 8

Date	Test Label	Test Reason	Overall	Overall					Reading Informational Text	Reading Literary Text
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4		
6/9/2021	Summative: ELA Grade 5	Spring 2021 (SAS Summative)		622 ± 3 ⓘ	22	21	43	14		
6/6/2022	Summative: ELA Grade 6	Spring 2022 (SAS Summative)		644 ± 3 ⓘ	18	25	41	17		
5/24/2023	Summative: ELA Grade 7	Spring 2023 (SAS Summative)		652 ± 3 ⓘ	14	26	46	13		
3/14/2024	Summative: ELA Grade 8	Spring 2024 (SAS Summative)		666 ± 4 ⓘ	18	26	39	17		

Proficiency = Level 3 & Level 4 Combined

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 5th grade students had 57% proficiency (combining levels 3 & 4).  
 In 6th grade students increased their proficiency to 58%.  
 In 7th grade students increased their proficiency to 59%.  
 In 8th grade students had a 56% proficiency.

# GRADE 8 MATH

Average Score and Performance Distribution for **Summative: Math Grade 8** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Student Count	Average Scale Score	Performance Distribution	Percent Proficient	Expressions and Equations and Number System	Functions	Geometry & Statistics and Probability	Modeling and Problem Solving	Use Mathematical Reasoning
District		250	575 ± 4	 Percent Count: 22% 55, 38% 94, 23% 57, 18% 44	40%					
<a href="#">Merrimack Middle School</a>		249	575 ± 4	 Percent Count: 22% 54, 38% 94, 23% 57, 18% 44	41%					
<a href="#">Out of District School</a>		1	492	 Percent Count: 100% 1	0%					



8th graders had 20% of students On or Above performance level in Modeling and Problem solving. Expressions and Equations and Number System needs the most focus with 30% being low.

Looking at the District results by subject:

Expressions and Equations and Number Systems- 18% On or Above Level, 52% At or Approaching, 30% Low.

Functions- 17% On or Above Level, 62% At or Approaching, 21% Low.

Geometry and Statistics and Probability- 15% On or Above Level, 57% At or Approaching, 28% Low.

Modeling and Problem Solving- 20% On or Above Level, 51% At or Approaching, 29% Low.

Use Mathematical Reasoning- 17% On or Above Level, 56% At or Approaching, 26% Low.



# 8th Graders Yearly Historical Data

## Cohort Comparison - Grades 5, 6, 7, & 8

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Expressions and Equations and Number System	Functions	Geometry & Statistics and Probability	Modeling and Problem Solving	Use Mathematical Reasoning
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4					
6/10/2021	Summative: Math Grade 5	Spring 2021 (SAS Summative)		462 ± 3 ⓘ	43	41	12	4					
6/2/2022	Summative: Math Grade 6	Spring 2022 (SAS Summative)		508 ± 4 ⓘ	23	32	30	15					
5/22/2023	Summative: Math Grade 7	Spring 2023 (SAS Summative)		528 ± 4 ⓘ	31	36	22	10					
5/10/2024	Summative: Math Grade 8	Spring 2024 (SAS Summative)		575 ± 4 ⓘ	21	38	24	17					

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 5th grade students had 16% proficiency (combining levels 3 & 4).  
 In 6th grade students increased their proficiency to 45%.  
 In 7th grade students decreased their proficiency to 32%.  
 In 8th grade students had a 54% proficiency.

# GRADE 8 SCIENCE

Average Score and Performance Distribution for **Summative: Science Grade 8** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Total				Earth and Space Sciences	Life Sciences	Physical Sciences
		Student Count	Average Scale Score	Performance Distribution	Percent Proficient			
District		251	849 ± 1	<div><div><div>41%</div><div>20%</div><div>30%</div><div>9%</div></div><div>Percent Count 103507622</div></div>	39%			
<a href="#">Merrimack Middle School</a>		250	849 ± 1	<div><div><div>41%</div><div>20%</div><div>30%</div><div>9%</div></div><div>Percent Count 102507622</div></div>	39%			
<a href="#">Out of District School</a>		1	816	<div><div><div>100%</div></div><div>Percent Count 1</div></div>	0%			



Physical Science was the area that had the best performance.

Looking at district results by subject:

Earth and Space Science- 11% On or Above Level, 61% At or Approaching, 28% Low.

Life Science- 12% On or Above Level, 56% At or Approaching, 32% Low.

Physical Science- 13% On or Above Level, 58% At or Approaching, 29% Low.

# 8th Graders Yearly Historical Data

## Cohort Comparison - Grade 5 & 8

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Earth and Space Sciences	Life Sciences	Physical Sciences
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4			
6/11/2021	Summative: Science Grade 5	Spring 2021 (SAS Summative)		544 ± 1 ⓘ	49	29	18	4			
5/13/2024	Summative: Science Grade 8	Spring 2024 (SAS Summative)		849 ± 1 ⓘ	41	20	31	8			

GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



In 5th grade students had 22% proficiency (combining levels 3 & 4).  
In 8th grade students had a 39% proficiency.

# GRADE 11 SCIENCE

Average Score and Performance Distribution for **Summative: Science Grade 11** (Spring 2024 (SAS Summative)), by School and Reporting Category: Merrimack, 2023-2024

Filtered By **School:** All Schools | **Test Reasons:** Spring 2024 (SAS Summative) |

School	Total	Student Count	Average Scale Score	Performance Distribution	Percent Proficient	Earth and Space Sciences	Life Sciences	Physical Sciences
District		228	1155 ± 1	<div> <div>25% 16% 53% 6%</div> <div>Count 58 36 121 13</div> </div>	59%			
<a href="#">Merrimack High School</a>		228	1155 ± 1	<div> <div>25% 16% 53% 6%</div> <div>Count 58 36 121 13</div> </div>	59%			



Life Science was the category with the highest proficiency performance.

Looking at district results by subject:

Earth and Space Science- 25% On or Above Level, 59% At or Approaching, 15% Low.



Life Science- 29% On or Above Level, 52% At or Approaching, 20% Low.

Physical Science- 26% On or Above Level, 56% At or Approaching, 18% Low.

# 11th Graders Yearly Historical Data

## Cohort Comparison - Grade 8 & 11

Proficiency = Level 3 & Level 4 Combined

Date	Test Label	Test Reason	Overall	Overall					Earth and Space Sciences	Life Sciences	Physical Sciences
				Average Score	%Level 1	%Level 2	%Level 3	%Level 4			
6/4/2021	Summative: Science Grade 8	Spring 2021 (SAS Summative)		849 ± 1 	38	21	35	6			
5/31/2024	Summative: Science Grade 11	Spring 2024 (SAS Summative)		1156 ± 1 	23	15	54	7			

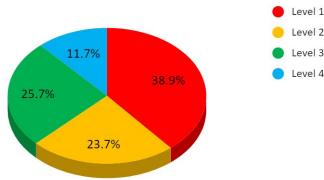
GUIDE:	Description
LEVEL 1	Below Proficient
LEVEL 2	Approaching Proficient
LEVEL 3	Proficient
LEVEL 4	Highly Proficient



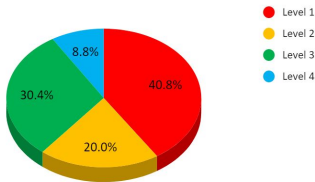
In 8th grade students had 41% proficiency (combining levels 3 & 4).  
In 11th grade students had a 61% proficiency.

# SAS Summative Science Scores

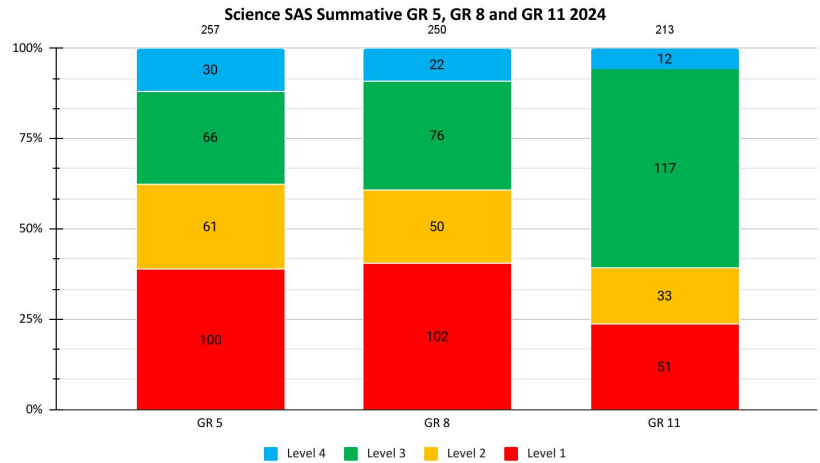
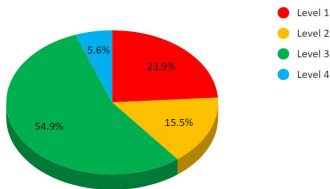
Science Grade 5 SAS Summative 2024



Science Grade 8 SAS Summative 2024

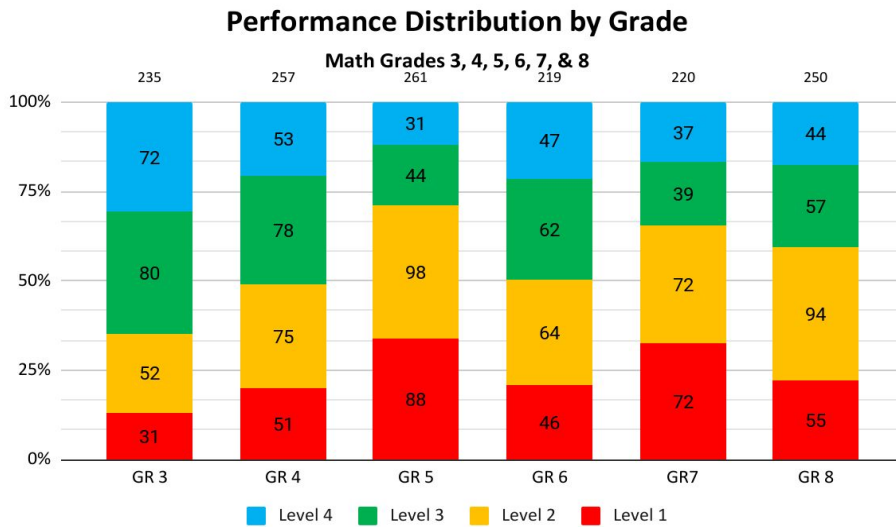


Science Grade 11 SAS Summative 2024



This slide gives you a look at the 3 grades level who completed the Science portion. 11th graders had the high proficiency level percentage, with grade 5 & 8 being similar in performance.

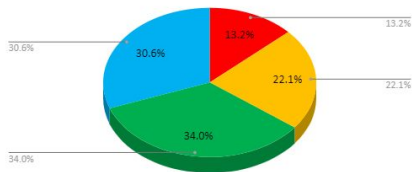
# Math Performance Distribution Numbers by Grade



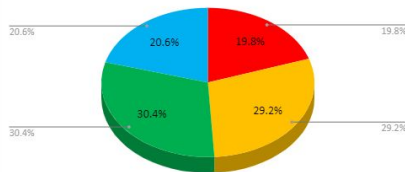
This slide gives you a look at how all the grades performed on the SAS Math, by level. Grade 3 performed highest in math, 4th and 6th grade are not far behind.

# Math Performance Distribution Percentage By Grade

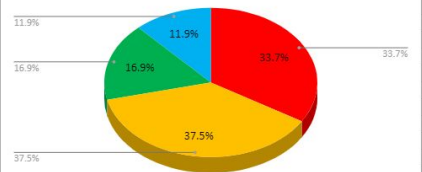
Grade 3 Math Performance Distribution 2024



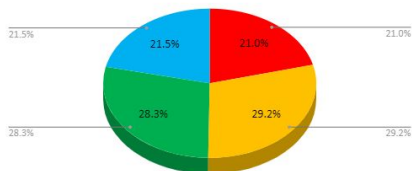
Grade 4 Math Performance Distribution 2024



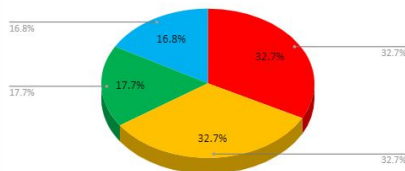
Grade 5 Math Performance Distribution 2024



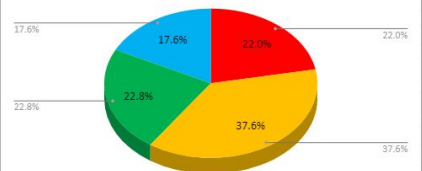
Grade 6 Math Performance Distribution 2024



Grade 7 Math Performance Distribution 2024



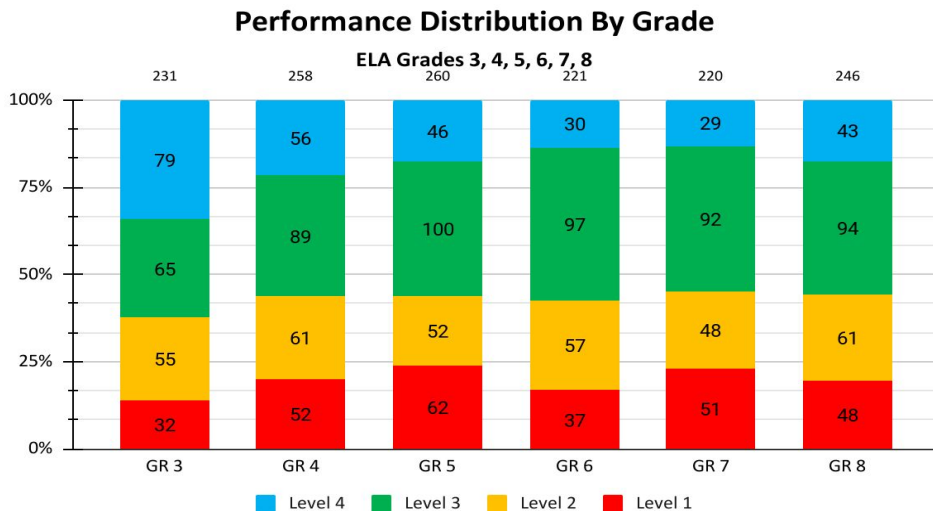
Grade 8 Math Performance Distribution 2024



Level 1-Red  
 Level 2- Orange  
 Level 3-Green  
 Level 4-Blue



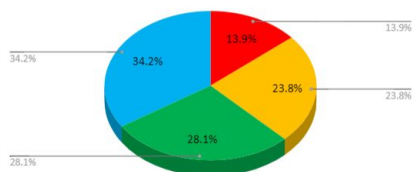
# ELA Performance Distribution Numbers by Grade



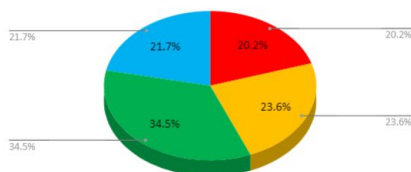
This slide gives you a look at how all the grades performed on the SAS ELA, by level. All grades have over 50% of students performing At or Above Level (blue and green combined).

# ELA Performance Distribution Percentage By Grade

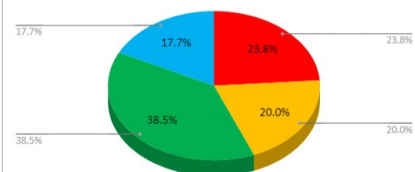
Grade 3 ELA Performance Distribution 2024



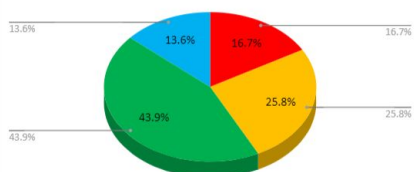
Grade 4 ELA Performance Distribution 2024



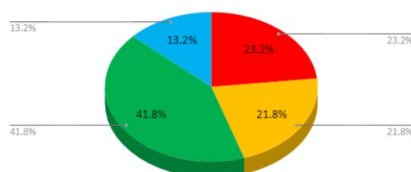
Grade 5 ELA Performance Distribution 2024



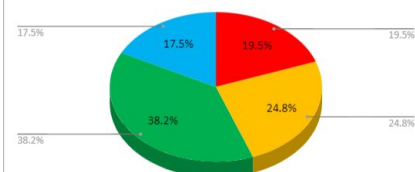
Grade 6 ELA Performance Distribution 2024



Grade 7 ELA Performance Distribution 2024



Grade 8 ELA Performance Distribution 2024



Level 1-Red  
Level 2- Orange  
Level 3-Green  
Level 4-Blue

# About the NH School Day SAT



- The School Day SAT is the College Board SAT administered on a school day in the spring to all Grade 11 students in New Hampshire.
- There is no cost to students to participate in the School Day SAT.
- Like the Saturday SAT, the School Day SAT is scored on a 400-1600 point scale. Each section, math and evidenced-based reading and writing, is scored independently on a 200-800 point scale; the section scores are then combined for a total score.



**New  
Hampshire**



# SAT Testing Day Spring 2024- Including State & National













Merrimack High School

SAT | SAT School Day Spring 2024 | 11th Grade

[View Students](#) [Excel Export](#)

Mean Score	Section Benchmark Performance
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Total

	# of Testers	Score Distribution	Mean Total Score (400-1600)
School	238		400  1001  1600
District	238		400  1001  1600
State	10,813		400  988  1600
All Testers	1,083,806		400  951  1600

SAT

CollegeBoard

New Hampshire

Merrimack students scored higher than State and All Testers.

# SAT Test Day Spring 2024 Benchmark Performance

Merrimack High School

SAT | SAT School Day Spring 2024 | 11th Grade

[View Students](#) [Excel Export](#)

Mean Score

Section Benchmark Performance

## Total

### Benchmark Performance Types

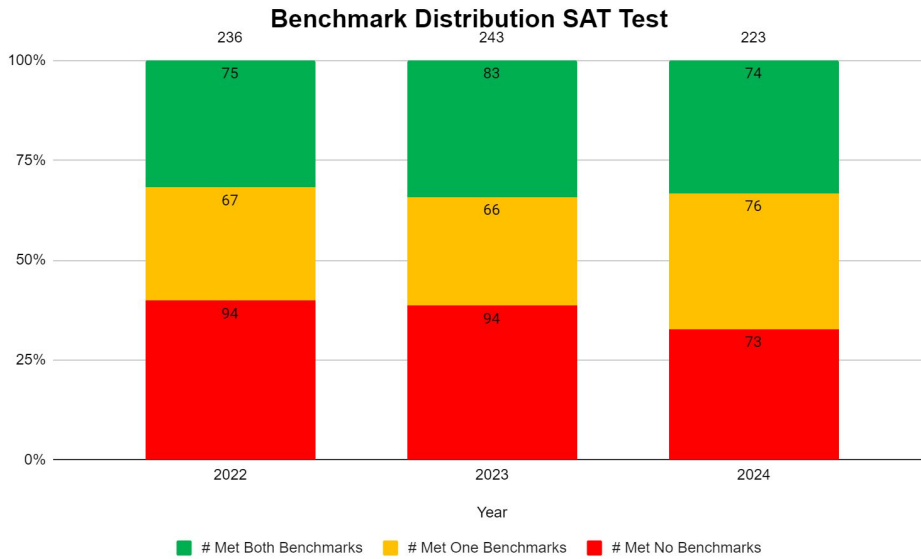
■ Met Both Benchmarks ■ Met One Benchmark ▨ Met No Benchmarks

	# of Testers	Benchmark Performance			0%		100%
		■	■	▨			
School	238	32%	34%	34%	0%		
District	238	32%	34%	34%	0%		
State	10,813	29%	34%	37%	0%		
All Testers	1,083,806	26%	28%	46%	0%		



Benchmark performance is pretty evenly distributed between the 3 types.

# Comparison SAT 2022, 2023, & 2024



This slide shows you how the last 3 years of testers performed on the SAT's by benchmark performance type.

2022- Green 32%, Orange 28%, Red 40%

2023- Green 34%, Orange 27%, Red 39%

2024- Green 33%, Orange 34%, Red 33%



# About the PSAT 8/9 and 10 test



- The PSAT takes 2 hours and 14 minutes and consists of 2 sections.
- Reading & Writing Section has four broad categories
  - Craft & Structure
  - Information & Ideas
  - Standard English Conventions
  - Expression of Ideas
- Math section has 4 categories
  - Algebra
  - Advanced Math
  - Problem-Solving & Data Analysis
  - Geometry & Trigonometry
- The PSAT 10 has 4 math categories that play the biggest role in a wide range of college majors and careers.
  - Heart of Algebra
  - Problem Solving & Data Analysis
  - Passport to Advanced Math
  - Additional Topics in Math
- PSAT 8/9 possible scores range from 240-1440
- PSAT 10 possible scores range from 320-1520

# PSAT 8/9 Testing Day Spring 2024



## Merrimack High School

PSAT 8/9 | Spring 2024 | 9th Grade

[View Students](#) [Excel Export](#)

Mean Score

Section Benchmark Performance

### Total

	# of Testers	Score Distribution	Mean Total Score (240-1440) ⓘ
School	243		240 <b>876</b> 1440
District	243		240 <b>876</b> 1440
State	2,618		240 <b>896</b> 1440
All Testers	221,683		240 <b>863</b> 1440

In this slide you can see students performed slightly better than All Testers, and slightly below State testers.



# PSAT 8/9 Testing Day 2024



Merrimack High School

PSAT 8/9 | Spring 2024 | 9th Grade

[View Students](#) [Excel Export](#)

Mean Score

Section Benchmark Performance

## Total

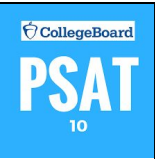
### Benchmark Performance Types

■ Met Both Benchmarks ■ Met One Benchmark ▨ Met No Benchmarks

	# of Testers	Benchmark Performance			Benchmark Distribution	
		■	■	▨		
School	243	35%	38%	27%	0%	100%
District	243	35%	38%	27%	0%	100%
State	2,618	40%	31%	29%	0%	100%
All Testers	221,683	35%	28%	38%	0%	100%

There are slightly more students who met both or one benchmark than students who did not met a benchmark.

# PSAT 10 Testing Day Spring 2024



Merrimack High School

PSAT 10 | Spring 2024 | 10th Grade

[View Students](#) | [Excel Export](#)

Mean Score		Section Benchmark Performance	
Total			
	# of Testers	Score Distribution	Mean Total Score (320-1520) ⓘ
School	245		320 <b>923</b> 1520
District	245		320 <b>923</b> 1520
State	4,606		320 <b>933</b> 1520
All Testers	327,210		320 <b>904</b> 1520

Student testers scored higher than All Testers, while being slightly behind NH testers.

# PSAT 10 Testing Day Spring 2024



Merrimack High School

PSAT 10 | Spring 2024 | 10th Grade

[View Students](#) [Excel Export](#)

Mean Score	Section Benchmark Performance
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<b>Total</b>						
<b>Benchmark Performance Types</b>						
<div><div></div> Met Both Benchmarks <div></div> Met One Benchmark <div></div> Met No Benchmarks</div>						
	# of Testers	Benchmark Performance			Benchmark Distribution	
		<div></div>	<div></div>	<div></div>		
School	245	23%	49%	28%	0%	<div><div></div><div></div><div></div></div> 100%
District	245	23%	49%	28%	0%	<div><div></div><div></div><div></div></div> 100%
State	4,606	31%	42%	27%	0%	<div><div></div><div></div><div></div></div> 100%
All Testers	327,210	31%	33%	37%	0%	<div><div></div><div></div><div></div></div> 100%

Just about 50% of our students are meeting 1 benchmark.

# QUESTIONS



Please forward your questions and/or requests for additional information.