

## Next Generation MCAS Results Spring 2022



## State Recommendations for Discussion and Analysis

- Important to note that the last 2.5 school years have not been “normal” so the results are going to be different
- 2022 data should not be compared to 2021
- New baseline for moving forward
- Absenteeism

## MCAS Test Administration 2019 – 2022

Year	Grades 3-8	Grades 9-10
2019	Full test administered	Full test administered
2020	No test administered	No test administered
2021	Half test administered	Full test administered
2022	Full test administered	Full test administered

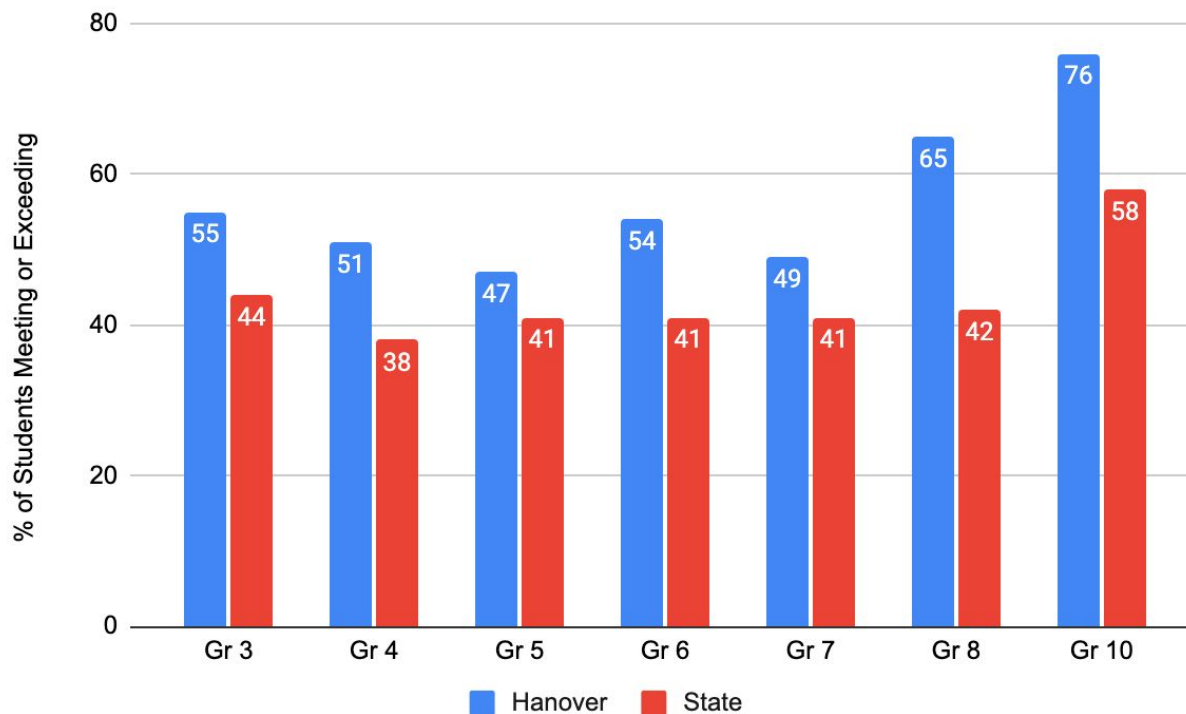
# **English Language Arts (ELA)**

**Next Generation MCAS Results**

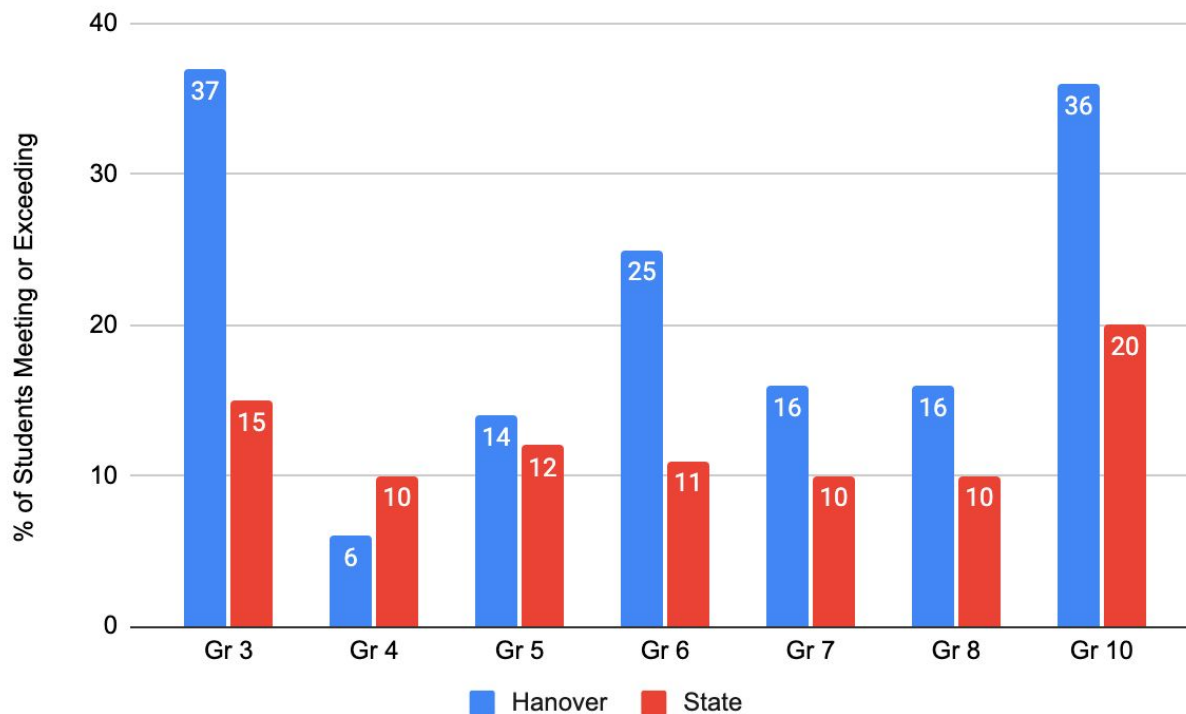
**Students Grades 3-10**

**Meeting or Exceeding Expectations**

## ELA - % of Students Meeting or Exceeding



## ELA - % of Students with Disabilities Meeting or Exceeding



## 2019-2022 ELA % of Students Meeting or Exceeding by Grade

Grade	2019	2021	2022
3	70 %	62 %	55 %
4	62 %	63 %	51 %
5	52 %	55 %	47 %
6	64 %	54 %	54 %
7	55 %	61 %	49 %
8	73 %	60 %	65 %
3-8	62 %	59 %	53 %
10	71 %	83 %	76 %

# ELA Grade Level Cohort MCAS Data

## % of Students Meeting or Exceeding

	2019		*2020		2021		2022	
Grade	HPS	State	HPS	State	HPS	State	HPS	State
3	70 %	56 %	–	–	62 %	51 %		
4	62 %	52 %	–	–	63 %	49 %	51 %	38 %
5	52 %	52 %	–	–	55 %	47 %	47 %	41 %
6	64 %	53 %	–	–	54 %	47 %	54 %	41 %
7	55 %	48 %	–	–	61 %	43 %	49 %	41 %
8			–	–	60 %	41 %	65 %	42 %
9					–	–	–	–
10			*Not Administered				76 %	58 %

Current 5<sup>th</sup>

Current 6<sup>th</sup>

Current 7<sup>th</sup>

Current 8<sup>th</sup>

Current 9<sup>th</sup>

Current 10<sup>th</sup>

Current 11<sup>th</sup>



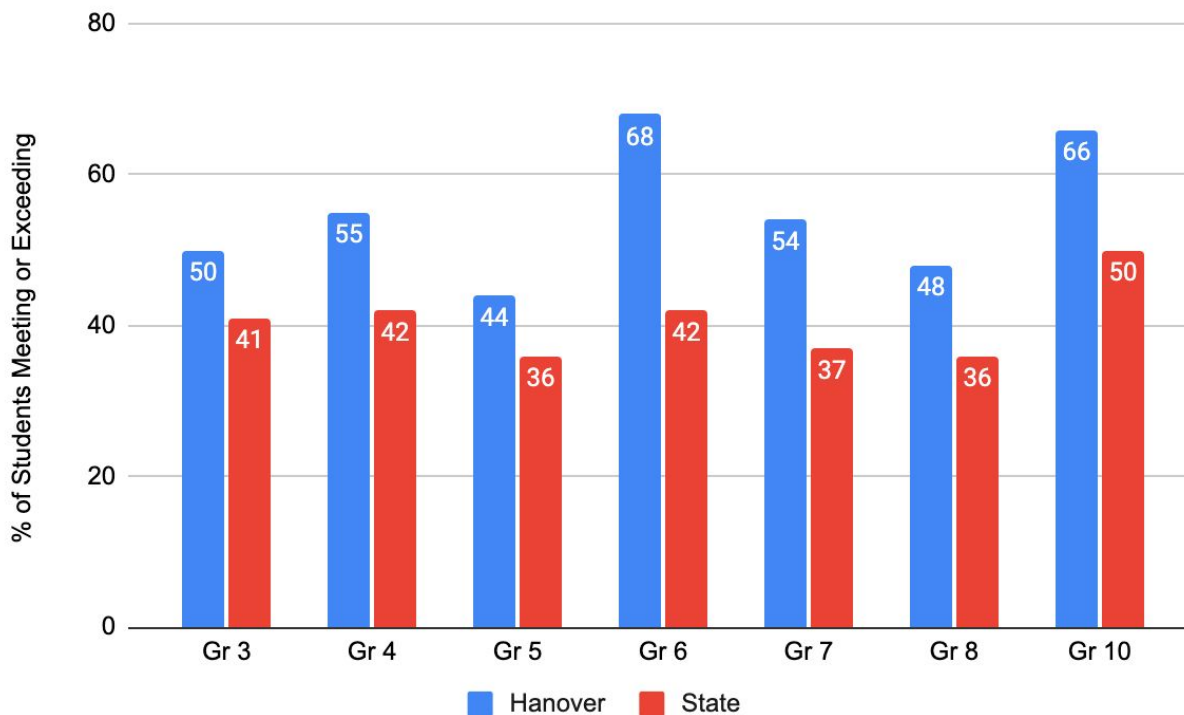
# **Mathematics (Math)**

**Next Generation MCAS Results**

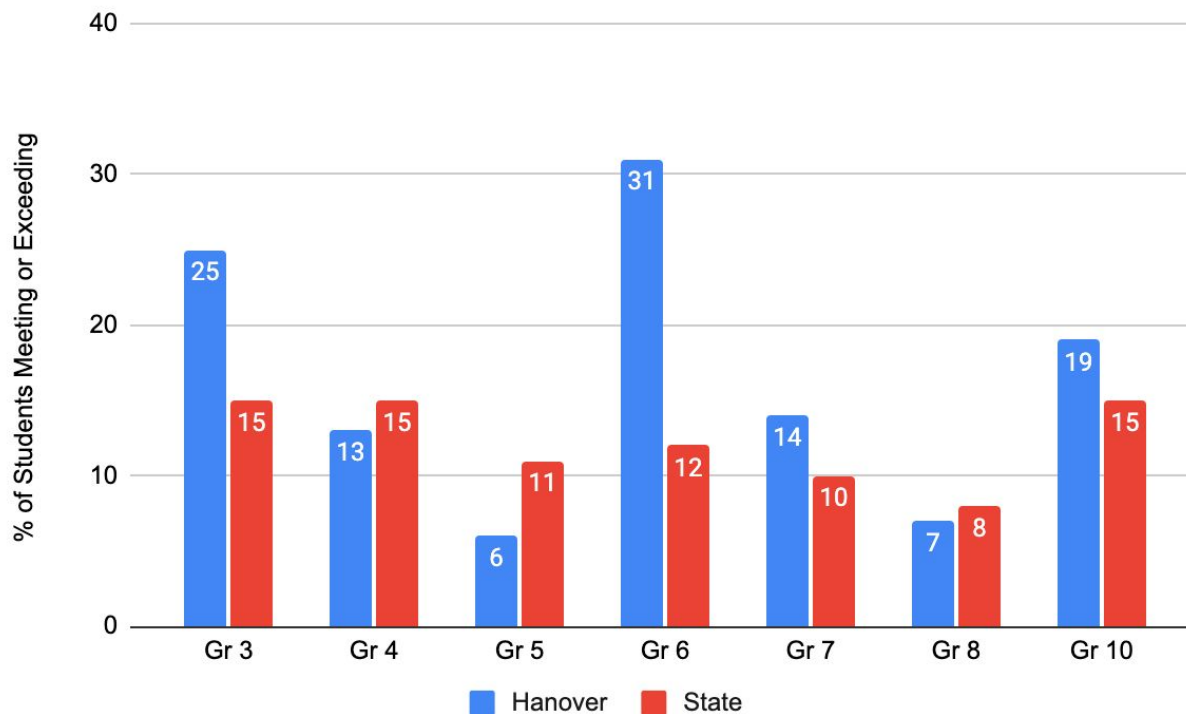
**Students Grades 3-10**

**Meeting or Exceeding Expectations**

## Math - % of Students Meeting or Exceeding



# Math - % of Students with Disabilities Meeting or Exceeding



## 2019-2022 Math % of Students Meeting or Exceeding by Grade

Grade	2019	2021	2022
3	57 %	53 %	50 %
4	55 %	47 %	55 %
5	57 %	49 %	44 %
6	68 %	55 %	68 %
7	77 %	57 %	54 %
8	56 %	49 %	48 %
3-8	62 %	52 %	53 %
10	72 %	71 %	66 %

# Math Grade Level Cohort MCAS Data

## % of Students Meeting or Exceeding

	2019		*2020		2021		2022	
Grade	HPS	State	HPS	State	HPS	State	HPS	State
3	57 %	49 %	–	–	53 %	33 %		
4	55 %	50 %	–	–	47 %	33 %	55 %	42 %
5	57 %	48 %	–	–	49 %	33 %	44 %	36 %
6	68 %	52 %	–	–	55 %	33 %	68 %	42 %
7	77 %	48 %	–	–	57 %	35 %	54 %	37 %
8			–	–	49 %	32 %	48 %	36 %
9					–	–	–	–
10			*Not Administered				66 %	50 %

Current 5<sup>th</sup>

Current 6<sup>th</sup>

Current 7<sup>th</sup>

Current 8<sup>th</sup>

Current 9<sup>th</sup>

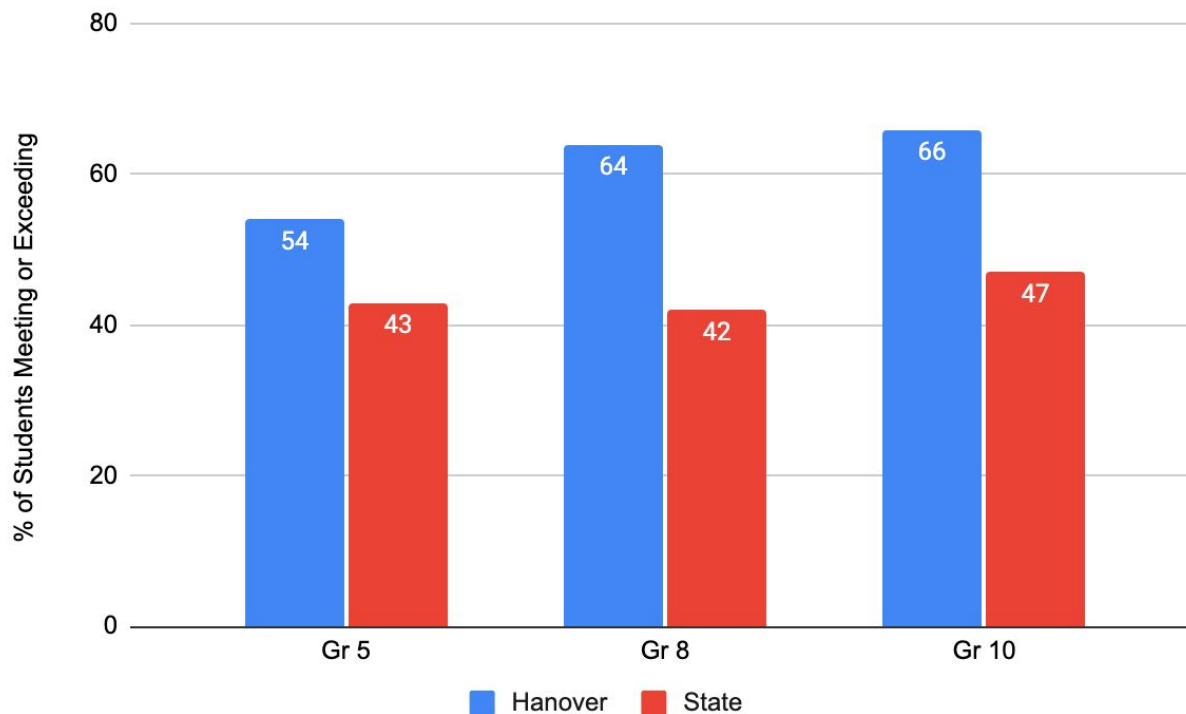
Current 10<sup>th</sup>

Current 11<sup>th</sup>

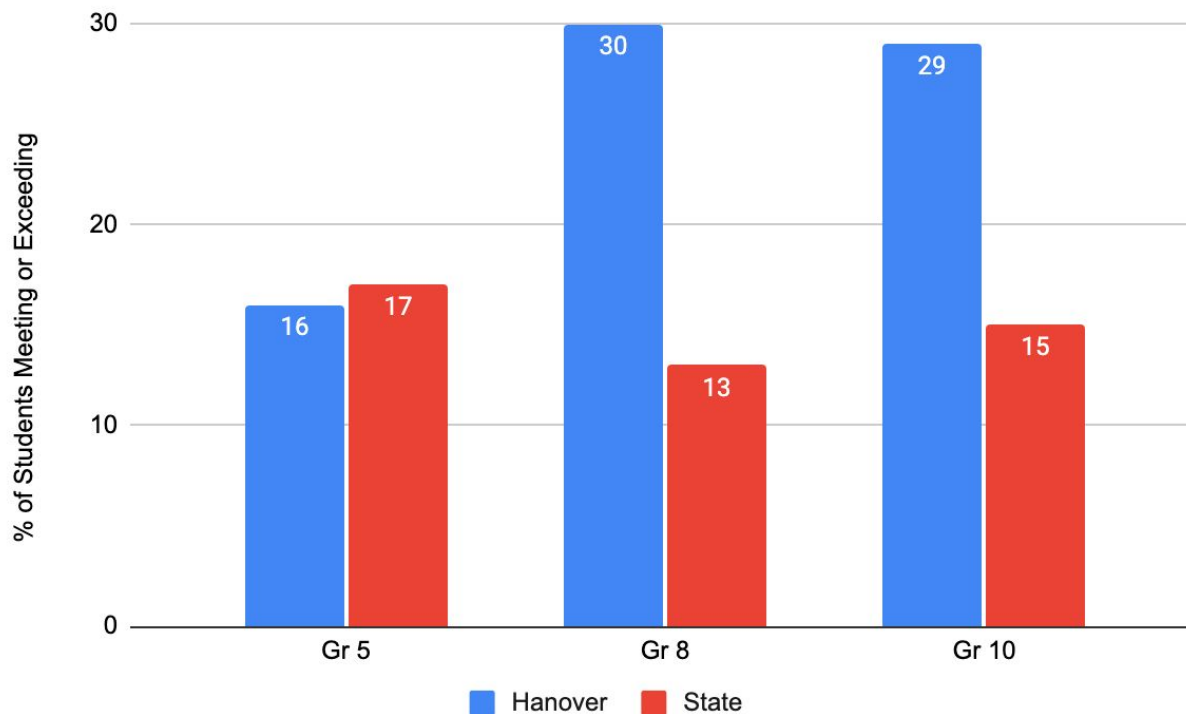
# **Science and Technology/Engineering (STE)**

**Next Generation MCAS Results  
Students Grades 3-10  
Meeting or Exceeding Expectations**

## Science - % of Students Meeting or Exceeding



## Science - % of Students with Disabilities Meeting or Exceeding





## 2019-2022 STE % of Students Meeting or Exceeding by Grade

Grade	2019	2021	2022
5	71 %	64 %	54 %
8	66 %	53 %	64 %
10	*	^	66 %

\* The Grade 10 2019 STE results are not provided as MCAS was still using the legacy test.

^ The Grade 10 2021 STE results are not provided because students were not required to take the test.

# **2022 District Analysis Review Tools (DART) and Neighboring Towns Data**

## DART Districts – Percent of Students Meeting or Exceeding

District	3-8 ELA	3-8 Math	5&8 STE	10 ELA	10 Math
Groton-Dunstable	60 %	60 %	67 %	77 %	84 %
Hamilton-Wenham	64 %	58 %	64 %	74 %	74 %
Hanover	53 %	53 %	59 %	76 %	66 %
Longmeadow	61 %	58 %	65 %	74 %	70 %
Masconomet	60 %	58 %	66 %	81 %	73 %
Newburyport	50 %	41 %	45 %	70 %	65 %
North Reading	65 %	66 %	73 %	65 %	67 %
Pentucket	47 %	47 %	51 %	71 %	56 %
Reading	61 %	57 %	66 %	77 %	68 %
Wayland	69 %	74 %	73 %	84 %	82 %
Westwood	71 %	70 %	76 %	79 %	76 %

## Neighboring Districts – Percent of Students Meeting or Exceeding

District	3-8 ELA	3-8 Math	5&8 STE	10 ELA	10 Math
Abington	49 %	41 %	35 %	59 %	50 %
Cohasset	67 %	59 %	58 %	76 %	67 %
Duxbury	59 %	56 %	63 %	75 %	74 %
Hanover	53 %	53 %	59 %	76 %	66 %
Norwell	62 %	64 %	67 %	81 %	84 %
Pembroke	48 %	54 %	48 %	68 %	64 %
Plymouth	45 %	36 %	35 %	65 %	48 %
Rockland	40 %	39 %	36 %	53 %	32 %
Scituate	61 %	59 %	63 %	79 %	70 %
Silver Lake	43 %	44 %	45 %	59 %	60 %
Weymouth	36 %	35 %	38 %	54 %	42 %

# Next Steps

- Data analysis
- Continue to support teacher training
- Focus on acceleration of learning
- Implement high-quality instructional materials
- Continue with educational partnerships
- MTSS (RTI)
- Early Warning Indicator System (EWIS)
- Communication

# Spring 2022 Parent/Guardian MCAS Report

## Spring 2022 MCAS Parent/Guardian Report



Name: \_\_\_\_\_ District: \_\_\_\_\_  
 SASID: \_\_\_\_\_ School: \_\_\_\_\_  
 Date of Birth: \_\_\_\_\_ Grade: \_\_\_\_\_

This report provides your child's results on the spring 2022 Massachusetts Comprehensive Assessment System (MCAS) tests in English Language Arts, Mathematics, and Science and Technology/Engineering.

For each test your child took in spring 2022, the report shows your child's score (between 440 and 560) and an associated achievement level. See pages 2-4 of this report for your child's scores on each test and for a description of each achievement level.



**Information about your child's achievement in this report should be used alongside other assessments, such as school tests and classroom work, when possible.**



In addition to your child's results, the report also shows how students in your child's school, district, and state did on the tests, how achievement changed over time, and how your child's academic progress, or growth, compares to other students.



This year, the report includes MCAS Science and Engineering Practices as a Reporting Category, in addition to the content reporting categories. Page 4 of this report presents the reporting category and practice category for each item. The practice categories include (A) Investigations and Questioning; (B) Mathematics and Data; and (C) Evidence, Reasoning, and Modeling. More information is available at [www.doe.mass.edu/mcas/tda/practice-categories.html](http://www.doe.mass.edu/mcas/tda/practice-categories.html).



The information below, from the **Family Guides** to the Massachusetts Curriculum Frameworks, is designed to help you support your child's learning in their **current grade**. The questions and topics can help you talk with your child and your child's teacher about what they are learning in their **sixth-grade** classes. More information about the Family Guides is available at [www.doe.mass.edu/highstandards](http://www.doe.mass.edu/highstandards).

	QUESTIONS YOU CAN ASK YOUR CHILD:	TOPICS YOU CAN DISCUSS WITH YOUR CHILD'S TEACHER:
 English Language Arts	<ul style="list-style-type: none"> <li>Can you tell me about the last research project you did?</li> <li>When you are working in a group, how do you and your classmates decide how you will get your work done?</li> </ul>	<ul style="list-style-type: none"> <li>What new types of writing your child is exploring</li> <li>What topics your child is curious about and what types of things they read at home</li> </ul>
 Mathematics	<ul style="list-style-type: none"> <li>How long will it take to drive home if we go 30 miles per hour?</li> <li>How many goals does your soccer team typically score?</li> </ul>	<ul style="list-style-type: none"> <li>Ways to practice using ratios and rates at home</li> <li>Your child's fluency with basic operations (addition, subtraction, multiplication, and division)</li> </ul>
 Science and Technology/ Engineering	<ul style="list-style-type: none"> <li>What kinds of materials and tools would you use to build a birdhouse?</li> <li>What are some ways to separate salt from salt water?</li> </ul>	<ul style="list-style-type: none"> <li>Ways of applying what your child learns in science to everyday situations</li> <li>Places in the community that can help your child learn science</li> </ul>

Grades 3-8 English

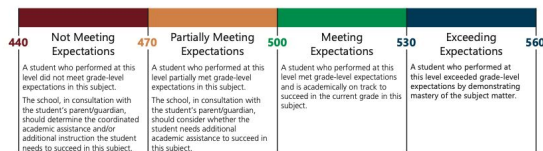
# Spring 2022 Parent/Guardian MCAS Report

Name:  
SASID:

Grade:  
Spring 2022

## English Language Arts

Your Child's Achievement Level:  
Your Child's Score:



The horizontal gray bars in the graphics above and below show the range of likely scores your child would receive if they took the test multiple times.

### 2022 Student Growth Percentiles

The student growth percentile (1-99) compares your child's progress to the progress of other students with similar prior MCAS scores.

Lower Growth	Your Child	Higher Growth			
	School				
	District				
1	20	40	60	80	9

### Achievement

How your child performed compared to students in their school, district, and state.

Your Child's Grade	Year	Average Score	School	District	State
	2022				
	2021				

### How your child performed in each reporting category and on each individual test question

Reporting Category	Points Earned by Your Child	Average Points in School	Average Points in District	Average Points in State	Total Possible Points	Average Points at Meeting Expectations*
Reading (RE)						
Language (LA)						
Writing (WR)						

\* The Language reporting category includes the standard English convention scores.  
\* The Writing reporting category is based on the idea development scores.

### Individual Test Questions

Go online to access released test questions at [www.doe.mass.edu/mcas/testitems.html](http://www.doe.mass.edu/mcas/testitems.html).

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
-----------------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Key Points Earned: x/y = x points earned out of y possible points. Blank space = no answer; ID = Easy Idea development score; CV = Easy conventions score.

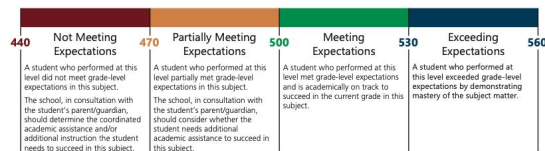
Page 2 of 4

Name:  
SASID:

Grade:  
Spring 2022

## Mathematics

Your Child's Achievement Level:  
Your Child's Score:



The horizontal gray bars in the graphics above and below show the range of likely scores your child would receive if they took the test multiple times.

### 2022 Student Growth Percentiles

The student growth percentile (1-99) compares your child's progress to the progress of other students with similar prior MCAS scores.

Lower Growth	Your Child	Higher Growth		
	School			
	District			
1	20	40	60	80

### Achievement

How your child performed compared to students in their school, district, and state.

Your Child's Grade	Year	Average Score	School	District	State
	2022				
	2021				

### How your child performed in each reporting category and on each individual test question

Reporting Category	Points Earned by Your Child	Average Points in School	Average Points in District	Average Points in State	Total Possible Points	Average Points at Meeting Expectations*

\* Average number of points earned statewide by students at or near a score of 500, at the low end of the Meeting Expectations level.

### Individual Test Questions

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
Reporting Category																																										
Points Earned																																										

Key Points Earned: x/y = x points earned out of y possible points. Blank space = no answer.

Go online to access released test questions at [www.doe.mass.edu/mcas/testitems.html](http://www.doe.mass.edu/mcas/testitems.html).

Page 3 of 4