Name:
SASID:

Grade 10
Spring 2021

Science and Tech/Engineering

Paper-based Test

Your Child's Achievement Level:

Your Child's Score

Advanced Students at this level demonstrate a comprehensive and in-depth understanding of challenging subject matter and provide sophisticated solutions to complex problems.	High 270-280	
	Low 260-268	
Proficient Students at this level demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.	High 250-258	
	Low 240-248	
Needs Improvement Students at this level demonstrate a partial understanding of subject matter and solve some simple problems.	High 230-238	
	Low 220-228	
Failing Students at this level demonstrate a minimal understanding of subject matter and do not solve simple problems.	High 210-218	
	Low 200-208	

In the figure above, the top of the black bar indicates your child's score on the test. The small gray bar shows the range of likely scores your child would receive if they took the test multiple times.

Example:
Your child's score → 240
← Range of likely scores if your child took the test many times

Your child's scores in the reporting categories measured by each test

This section shows the number and percentage of possible points earned by your child in each reporting category. For comparison, you will also find the percentage of possible points earned by students who performed at the low end of the Proficient level across the state. This information can give you a general impression of your child's relative strengths and weaknesses.

Reporting Category	Reporting Category Code	Points Earned by Your Child	Possible Points	Percent of Possible Points Earned by Your Child	Percent of Possible Points Earned by Students Who Performed at the Low End of the *Proficient* Level

How your child did on individual test questions

This section shows how your child did on each test question. In the bottom row (Your Child's Score), you will find whether your child gave the correct answer on multiple-choice questions and the number of points earned by your child on other types of questions. Reporting Category codes are given in the table above. Information about the test questions is available at www.doe.mass.edu/mcas/testitems.html.

Biology

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	41	42	43	44	45
Reporting Category																																														
Your Child's Score																																													

Question Type	Score Codes	
Multiple-choice	✓	Correct answer (1 point earned)
	*	More than one answer (0 points earned)
	–	Incorrect answer on an unreleased question (0 points earned)
Open-response	x/4	x points earned out of 4
All types	blank space	No answer (0 points earned)

Spring 2021 MCAS Parent/Guardian Report

MASSACHUSETTS DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

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

This report provides your child's results on the next-generation grade 10 Massachusetts Comprehensive Assessment System (MCAS) tests that were administered in spring 2021.

Due to the cancellation of testing in spring 2020 related to the COVID-19 pandemic, the Board of Elementary and Secondary Education modified the Competency Determination (CD) requirements for high school graduation for students in the classes of 2020–2023. Depending on your child's graduating class, your child may have taken a test in English Language Arts (ELA) and Mathematics or one of the four legacy high school Science and Technology/Engineering (STE) tests in Biology, Introductory Physics, Chemistry, or Technology/Engineering.

- If your child is a member of the class of 2021 or 2022:
  - They were not required to participate in the ELA and Mathematics but were allowed to do so for scholarship purposes. Information about scholarships is available at www.doe.mass.edu/scholarships.
  - They were not required to participate in the STE test.
- If your child is a member of the class of 2021 or 2023:
  - They were required to participate in the ELA and Mathematics tests,
  - They were not required to participate in the STE test.

The boxes below show your child's CD status for graduation in each subject. If your child requires an Educational Proficiency Plan in ELA or Mathematics, information on the requirements is available at www.doe.mass.edu/assessment/epp. For more information about graduation requirements, please see the "Letter to Parents and Guardians" for your child's graduation class at www.doe.mass.edu/mcas/parents. If you have questions about your child's performance, we encourage you to meet with your child's teacher(s) to discuss the results.

Participation rates varied across schools and districts in 2021 more than they did in prior years. If the participation rate in your child's school and/or district was lower this year than in prior years, be aware that the school and/or district results may have been different if more students had takenthe test. Information about school and district participation rates is available at profiles.doe.mass.edu/statereport/participation.aspx.

Your Child's Overall Results

English Language Arts	Mathematics	Science and Tech/ Engineering
Score (Score range: 440-560)	Score (Score range: 440-560)	Score (Score range: 200-280)
Score	Score	Score
Details on page 2	**Details on page 3**	**Details on page 4**

What is MCAS and how are test results used?

MCAS is the Commonwealth's standards-based assessment program. MCAS has the following primary purposes:

- To help families see whether their children are making expected academic progress
- To help educators identify areas of the curriculum where students are learning well and areas where students may need additional assistanceto meet grade-level expectations
- To help the state direct resources to schools that need support
- At the high school level, to determine whether students have met the state requirements for the Competency Determination (that is, whetherstudents are eligible for a high school diploma)
- At the high school level, to determine whether students have met one of the eligibility requirements for the John and Abigail AdamsScholarship and the Stanley Z. Koplik Certificate of Mastery Award

Where can you find more information?

www.doe.mass.edu/mcas/parents/

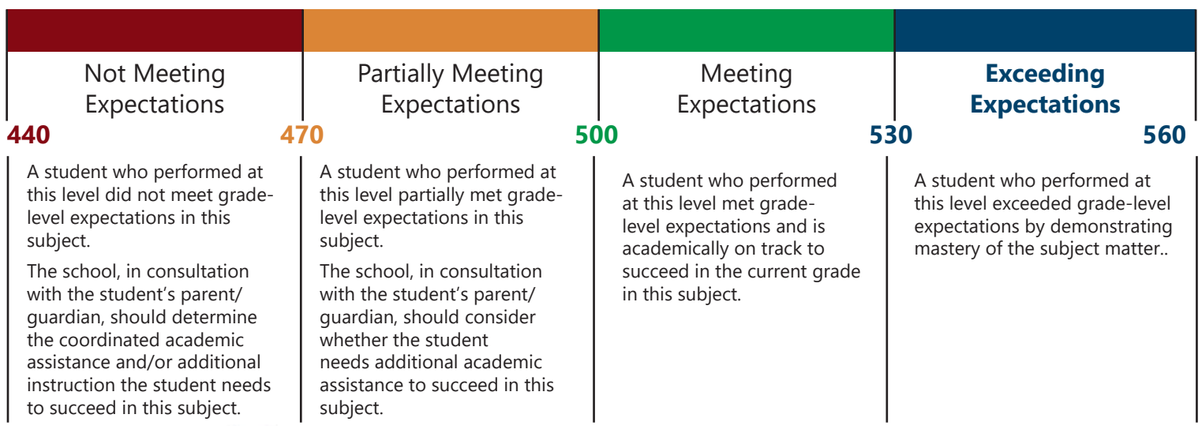
Name:
SASID:

Grade 10
Spring 2021

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.

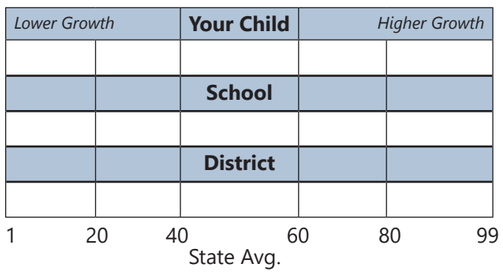
Achievement

This table shows how your child performed compared to students in their school, district, and state.

Your Child's Grade	Your Child's Score	Year	Average Score: School	Average Score: District	Average Score: State
		2021			
		2019			
		2018			

2021 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.



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 Earned*
Reading						
Language†						
Writing‡						

† The Language reporting category includes the standard English convention scores from the essays.
‡ The Writing reporting category is based on the idea development essay scores.

Individual Test Questions

*Average number of points earned statewide by students at the low end of the Meeting Expectations level.

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

Key x/y = x points earned out of y possible points
ID = Essay idea development score
Blank space = no answer
CV = Essay conventions score

Go online to access released test questions at www.doe.mass.edu/mcas/testitems.html.

§ Information provided by the school indicates your child received a special access accommodation (the ELA test was read aloud to your child) as required by their IEP or 504 plan.

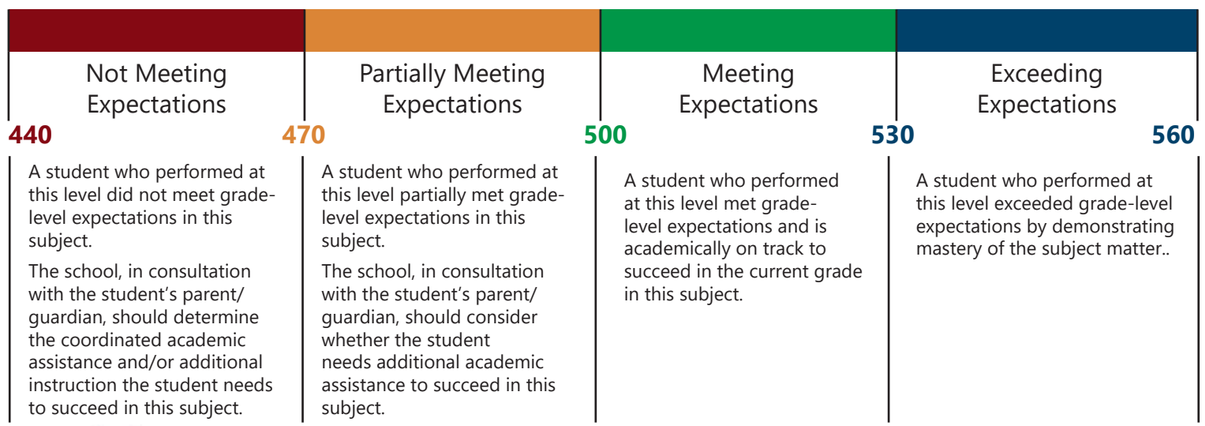
Name:
SASID:

Grade 10
Spring 2021

Mathematics

Your Child's Achievement Level:

Your Child's Score:



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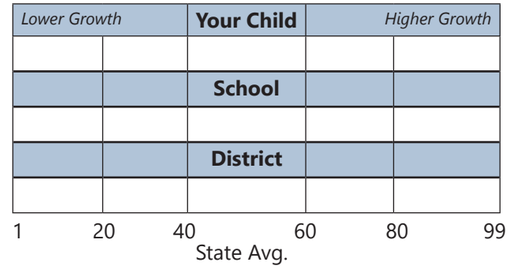

How your child performed in each reporting category and on each individual test question

Reporting Category	Points Earned by Your Child	Average Points in School	Average Points in District	Average Points in State	Total Possible Points	Average Points Earned*
Number and Quantity						
Algebra and Functions						
Geometry						
Statistics and Probability						

Individual Test Questions

*Average number of points earned statewide by students at the low end of the Meeting Expectations level.

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	41	42
Points Earned																																									

Key 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.

§ Information provided by the school indicates your child received a special access accommodation (your child used a calculator for the non-calculator session of the Mathematics test) as required by their IEP or 504 plan.