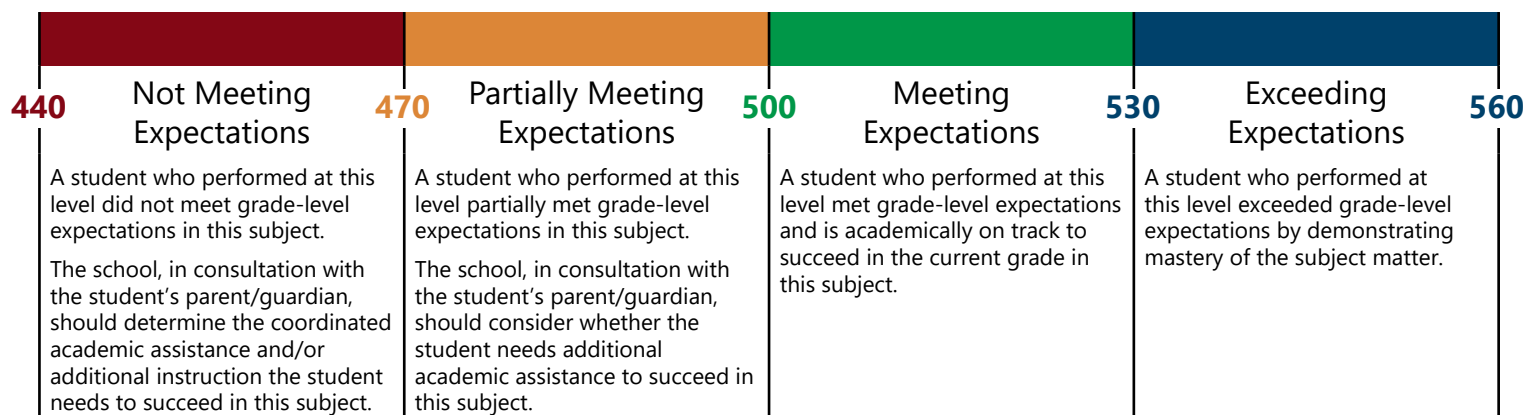


Name:  
SASID:

Grade:  
Spring 2023

## Science and Technology/Engineering

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



### Achievement

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

| Your Child's |       | Year | Average Score |          |       |
|--------------|-------|------|---------------|----------|-------|
| Grade        | Score |      | School        | District | State |
|              |       | 2023 |               |          |       |

The horizontal gray bar in the graphic above shows the range of likely scores your child would receive if they took the test multiple times.

### How your child performed in each reporting category, on the science and engineering practices, and on each 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* |
|------------------------------------|-----------------------------|--------------------------|----------------------------|-------------------------|-----------------------|---|
| Earth and Space Science (ES)       |                             |                          |                            |                         |                       |   |
| Life Science (LS)                  |                             |                          |                            |                         |                       |   |
| Physical Science (PS)              |                             |                          |                            |                         |                       |   |
| Technology/Engineering (TE)        |                             |                          |                            |                         |                       |   |
| Science and Engineering Practices† |                             |                          |                            |                         |                       |   |

† Information about the science and engineering practices is available at [www.doe.mass.edu/mcas/tdd/practice-categories.html](http://www.doe.mass.edu/mcas/tdd/practice-categories.html).

\* 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

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 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |  |  |  |  |  |
|--------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|
| Reporting Category |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Practice Category  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Points Earned      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |

**Key** Points Earned: x/y = x points earned out of y possible points; Blank space = no answer  
Practice Categories: A = Investigations and Questioning; B = Mathematics and Data; C = Evidence, Reasoning, and Modeling; "/" = Practice Category Not Assessed

# Spring 2023 MCAS Parent/Guardian Report

Name:  
SASID:  
Date of Birth:  
Local Student ID:

District:  
School:  
Grade:

This report provides your child's results on the spring 2023 Massachusetts Comprehensive Assessment System (MCAS) tests in English Language Arts, Mathematics, and Science and Technology/Engineering.

For each test your child took in spring 2023, 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 the progress of other students.



The report also includes information about how your child performed in both content reporting categories and in science and engineering practices. More information is available at [www.doe.mass.edu/mcas/tdd/practice-categories.html](http://www.doe.mass.edu/mcas/tdd/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:



- ▶ Can you tell me about the last research project you did?
- ▶ When you are working in a group, how do you and your classmates decide how you will get your work done?



- ▶ How long will it take to drive home if we go 30 miles per hour?
- ▶ How many goals does your soccer team typically score?



- ▶ What kinds of materials and tools would you use to build a birdhouse?
- ▶ What are some ways to separate salt from salt water?

### TOPICS YOU CAN DISCUSS WITH YOUR CHILD'S TEACHER:

- ▶ What new types of writing your child is exploring
- ▶ What topics your child is curious about and what types of things they read at home

- ▶ Ways to practice using ratios and rates at home
- ▶ Your child's fluency with basic operations (addition, subtraction, multiplication, and division)

- ▶ Ways of applying what your child learns in science to everyday situations
- ▶ Places in the community that can help your child learn science

