

February 2025 MCAS High School Science Tests

Parent/Guardian Report

Name:

SASID:

Date of Birth:

Local Student ID:

District:

School:

Grade:

This report provides your child’s results from the Massachusetts Comprehensive Assessment System (MCAS) high school Science test in Biology or Introductory Physics that they took in February 2025.

Students are required to take a high school Science test (either Biology or Introductory Physics) by the end of grade 10.

Students may also participate in MCAS for scholarship purposes. Students’ first attempt at taking a high school Science test will be used for the eligibility criteria for the John and Abigail Adams Scholarship. More information about scholarships is available at www.doe.mass.edu/scholarships.

The box below shows the high school Science test results for your child. If you have questions about your child’s performance, we encourage you to meet with your child’s teacher(s) to discuss the results.

Your Child’s Overall Results

Introductory Physics

Score

Achievement Level

Details on page 2



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 **high school science** classes. More information about the Family Guides is available at www.doe.mass.edu/highstandards.



High School
Science

QUESTIONS YOU CAN ASK YOUR CHILD:

- ▶ How does the science you’re learning relate to the real world?
- ▶ What is the most interesting thing you have learned in science this year?


TOPICS YOU CAN DISCUSS WITH YOUR CHILD’S TEACHER:

- ▶ Places in the community (museums, universities, businesses) where your child can learn science by working or volunteering
- ▶ Your child’s readiness for future science or engineering courses

Your Child's Achievement Level:

Your Child's Score:

440	Not Meeting Expectations	470	Partially Meeting Expectations	500	Meeting Expectations	530	Exceeding Expectations	560
A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject.		A student who performed at this level partially met grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject.		A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.		A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.		

 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.

This section provides information about how this student responded to each test question and the reporting category each test question addressed. *Reporting Category* refers to the broad area of knowledge in the 2016 Massachusetts curriculum frameworks assessed by each item. The frameworks are available at www.doe.mass.edu/frameworks. Information about the test questions is available at www.doe.mass.edu/mcas/release.html. Information about the science practice categories is available at www.doe.mass.edu/mcas/tdd/practice-categories.html.

How Your Child Performed in Each Reporting Category, on the Science Practice Categories, and on Each Test Question

Reporting Category	Points Earned by Your Child	Total Possible Points	Average Points at Meeting Expectations*
Energy (EN)			
Motion, Forces, and Interactions (MF)			
Waves (WA)			
Science and Engineering Practices			

* 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.

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	
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