Release of
Spring 2018
MCAS Test Items

June 2018
Massachusetts Department of
Elementary and Secondary Education
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I. Introduction
Introduction

Overview of Spring 2018 Tests and Item Releases

In 2018, Massachusetts continued the process of transitioning the state testing program, the Massachusetts Comprehensive Assessment System (MCAS), to next-generation tests. The next-generation tests include new test designs and item types and are intended to be administered primarily via computer.

As we phase in the next-generation tests at additional grade levels, the Department of Elementary and Secondary Education is committed to continuing the regular release of MCAS test items to provide information about the knowledge and skills that students are expected to demonstrate. The table at the bottom of this page provides an overview of the MCAS tests administered in spring 2018. The table also displays the percentage of operational items that were released for each test or grade range. (Operational items are those items on which student scores are based.)

The purpose of this publication is to share with educators and the public the spring 2018 test items that have been released, for both next-generation and legacy tests. Educators will be able to use this information as they plan changes in curriculum and instruction that may be needed to improve student performance. Please note that, for next-generation assessments and the STE grades 5 and 8 assessments, the test items included in this publication are the paper-based versions of the 2018 operational items that have been released. The computer-based versions of the released items from these assessments are available on the MCAS Resource Center website at mcas.pearsonsupport.com/released-items/.

<table>
<thead>
<tr>
<th>Tests</th>
<th>Test Design/Item Types</th>
<th>Testing Mode†</th>
<th>Percentage of Operational Items Released</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA Grades 3–8</td>
<td>next-generation</td>
<td>computer, paper</td>
<td>50%</td>
</tr>
<tr>
<td>ELA Grade 10</td>
<td>legacy</td>
<td>paper</td>
<td>100%</td>
</tr>
<tr>
<td>Math Grades 3–8</td>
<td>next-generation</td>
<td>computer, paper</td>
<td>52%</td>
</tr>
<tr>
<td>Math Grade 10</td>
<td>legacy</td>
<td>paper</td>
<td>100%</td>
</tr>
<tr>
<td>STE Grades 5 and 8†</td>
<td>legacy</td>
<td>computer, paper</td>
<td>50%</td>
</tr>
<tr>
<td>High School Biology</td>
<td>legacy</td>
<td>paper</td>
<td>100%</td>
</tr>
<tr>
<td>High School Introductory Physics</td>
<td>legacy</td>
<td>paper</td>
<td>100%</td>
</tr>
<tr>
<td>High School Chemistry§</td>
<td>legacy</td>
<td>paper</td>
<td>0%</td>
</tr>
<tr>
<td>High School Technology/Engineering§</td>
<td>legacy</td>
<td>paper</td>
<td>0%</td>
</tr>
</tbody>
</table>

† For next-generation tests, the Department is making paper-based versions available during the transition period and will offer paper-based tests on an ongoing basis as an accommodation for some students.

‡ The STE tests at grades 5 and 8 were administered primarily by computer but were considered legacy tests because the test designs and operational item types followed the format of previous legacy tests. These tests will transition to next-generation assessments in 2019.

§ In order to support future test development, items from the spring 2018 high school Chemistry and Technology/Engineering tests are not included in this publication. The omission of these items will have no impact on the reporting of results. The reporting category and standard for each item are provided.
Structure of This Publication

Each subsequent chapter of this publication contains information and materials for one MCAS test (one grade level and one content area). For example, Chapter II contains information for the grade 3 English Language Arts test; Chapter XV contains information for the grade 10 Mathematics test. Note that Chapter VIII contains information for both the ELA Composition (Part A) and the ELA Reading Comprehension (Part B) tests for grade 10.

Beginning with Chapter II, each chapter has three main sections:

- The first section provides information about the content being assessed, including the web address for the relevant framework. In addition, there is a brief overview of the test (number of test sessions, types of items, and reference materials allowed).

- The second section presents the released test items for the grade level and content area. Reading passages are included for ELA tests.* For Mathematics and STE tests, any reference sheets that were available to students during testing are provided.

- The final section of each chapter is a table that cross-references each released MCAS common/operational item with its MCAS reporting category and with the framework standard(s) it assesses. Correct answers to released MCAS multiple-choice and selected-response questions are listed for all content areas, as are correct answers to released short-answer questions for Mathematics. For grades 3–8, the final section of each chapter also includes a second table that cross-references each unreleased MCAS operational item with its MCAS reporting category and with the framework standard it assesses.

As a way of providing educators and the public with more information about the next-generation items, the Department has developed a brief description of each released and unreleased item on the grades 3–8 tests in ELA and Mathematics. The item descriptions appear in both tables.

Materials presented in this publication are not formatted exactly as they appeared in student test booklets. For example, in order to present items most efficiently in this publication, some fonts and/or font sizes may have been changed, and some graphics may have been reduced in size. All references to page numbers in answer booklets have been deleted from the directions that accompany test items.

Other Resources for Released MCAS Test Items

Educators and the public can also access released items and related materials in other formats:

- The Question Search application, found at www.doe.mass.edu/mcas/search/, enables users to browse through released MCAS items from the past five years and search for items by grade, question type, curriculum framework, keyword, or other criteria.

- Released test questions from the computer-based version of the next-generation MCAS tests are available on the MCAS Resource Center website at mcs.pearsonsupport.com/released-items/.

- The MCAS Student Work/Scoring Guides webpage, found at www.doe.mass.edu/mcas/student/, provides sample student work and scoring guides for essay questions, writing prompts, and other constructed-response questions.

* Due to copyright restrictions, certain English Language Arts reading passages may not be available on the Department’s website. Copyright information for all reading passages in this publication is provided. Note that the Department has obtained permission to post all ELA passages that appear on its website. While the Department grants permission to use the posted test items for educational purposes, it cannot grant or transfer permission to use the passages that accompany the items. Such permission must be obtained directly from the holder of the copyright. For further information, contact Student Assessment Services at 781-338-3625.