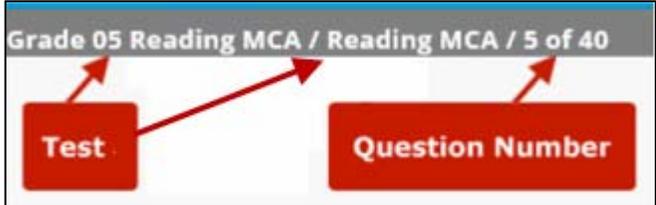
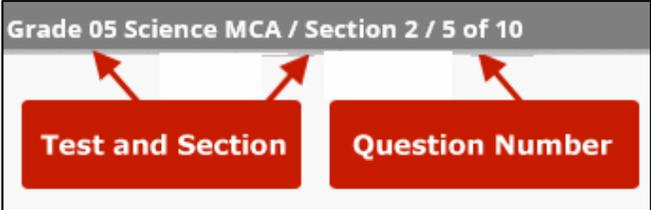


# Navigation Teacher Guide

This guide provides educators with details on the navigation students experience in the Navigation Tutorial and in the MCA. Educators may also access the [Navigation Tutorial](#) (PearsonAccess Next > Preparing for Testing > Student Tutorial) to familiarize themselves with it before using the tutorial with students.

Text-to-speech is available in the Navigation Tutorial if students need audio support for the text in the tutorial. On some screens, students need to scroll down to see all of the information.

This tutorial outlines how students will move through the test. While the functionality is similar, there are some differences between adaptive tests (Reading and Mathematics MCA) and linear tests (Science MCA) that are addressed in this guide.

Navigation	Sample Screenshot
<p><b>Navigating in the Test</b></p> <p>Students will use the following buttons to navigate in the test:</p> <ul style="list-style-type: none"> <li>• Back</li> <li>• Next</li> <li>• Review</li> <li>• Bookmark</li> </ul>	
<p><b>Information on Sections and Question Numbers</b></p> <p>The gray bar has information students can reference during testing.</p> <p>For Reading and Mathematics MCA, the gray bar will display the test and question number.</p> <ul style="list-style-type: none"> <li>• In the first section (directions), the gray bar will indicate "Directions." For subsequent sections, the test name is repeated because these sections cannot be numbered in adaptive tests.</li> <li>• The question number shows the number of questions in the entire test.</li> </ul> <p>For science, the gray bar will display the test, section, and question number.</p> <ul style="list-style-type: none"> <li>• In the first section (directions), the gray bar will indicate "Directions." Subsequent sections appear as Section 2 and Section 3.</li> <li>• The question number shows the number of questions in each section, not the entire test. When students enter the next section, the question numbers will start over.</li> </ul> <p>Note: All subjects have multiple sections for test security and test construction purposes; there are 6 sections in the Reading and Mathematics MCA and 3 sections in the Science MCA. However, scheduling should not be based on these sections because they are not equal in length and are not designed to be used as a way to schedule test administration.</p>	<p>Reading and Mathematics MCA</p>  <p>Science MCA</p> 

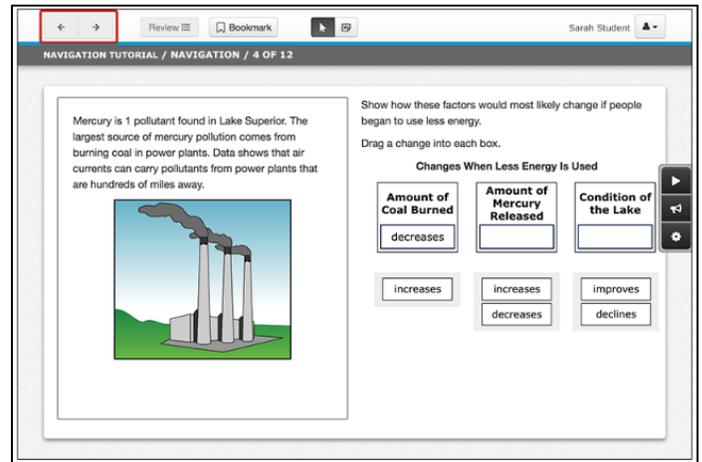
### Navigation

#### Moving Forward and Back

Students use the Next and Back buttons to move forward or back. They must answer the question before they can select the Next or Back button.

Some questions have multiple parts and students cannot select the buttons until they have answered all parts.

### Sample Screenshot



Mercury is 1 pollutant found in Lake Superior. The largest source of mercury pollution comes from burning coal in power plants. Data shows that air currents can carry pollutants from power plants that are hundreds of miles away.

Show how these factors would most likely change if people began to use less energy. Drag a change into each box.

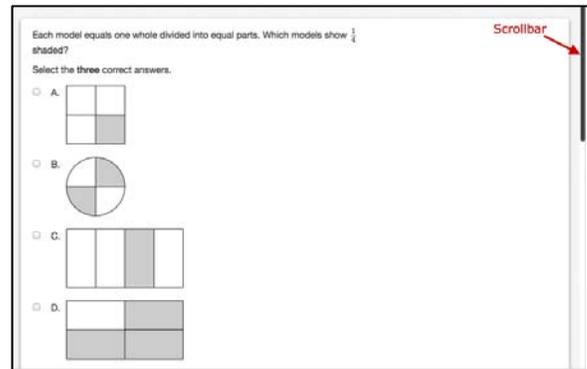
Changes When Less Energy Is Used

Amount of Coal Burned	Amount of Mercury Released	Condition of the Lake
decreases		
increases	increases	improves
	decreases	declines

#### Questions Where Students Need to Scroll

Some questions will not fit on the screen. Students must scroll to see the whole question by dragging the scrollbar up or down.

#### Mathematics MCA



Each model equals one whole divided into equal parts. Which models show  $\frac{1}{4}$  shaded?

Select the three correct answers.

A. 

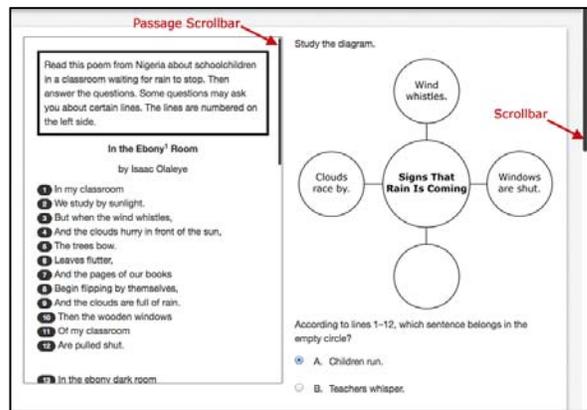
B. 

C. 

D. 

For reading, students will see a split screen showing the passage and the question. The passage is shown on the left side of the screen and the question and answer choices are shown on the right. Students may need to drag the scrollbar to see all of the passage or question.

#### Reading MCA



Read this poem from Nigeria about schoolchildren in a classroom waiting for rain to stop. Then answer the questions. Some questions may ask you about certain lines. The lines are numbered on the left side.

In the Ebony Room  
by Isaac Olaye

- 1 In my classroom
- 2 We study by sunlight.
- 3 But when the wind whistles,
- 4 And the clouds hurry in front of the sun,
- 5 The trees bow.
- 6 Leaves flutter.
- 7 And the pages of our books
- 8 Begin flipping by themselves,
- 9 And the clouds are full of rain.
- 10 Then the wooden windows
- 11 Of my classroom
- 12 Are pulled shut.
- 13 In the ebony dark room

Study the diagram.

Wind whistles.

Clouds race by.

Signs That Rain Is Coming

Windows are shut.

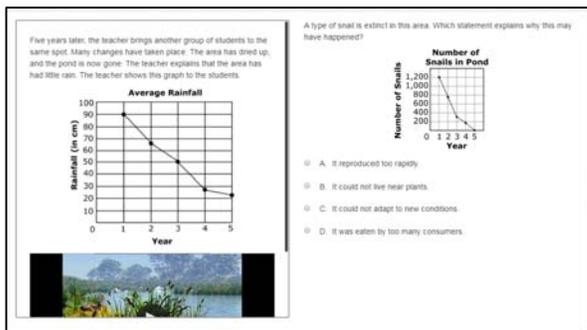
According to lines 1-12, which sentence belongs in the empty circle?

A. Children run.

B. Teachers whisper.

For science, students will see a split screen showing the science scene and the question. The science scene is shown on the left side of the screen and the question and answer choices are shown on the right. Students may need to drag the scrollbar to see all of the scene or question.

#### Science MCA



Five years later, the teacher brings another group of students to the same spot. Many changes have taken place. The area has dried up, and the pond is now gone. The teacher explains that the area has had little rain. The teacher shows this graph to the students.

Average Rainfall

Year	Rainfall (in cm)
1	90
2	70
3	50
4	30
5	20

A type of snail is extinct in this area. Which statement explains why this may have happened?

Number of Snails in Pond

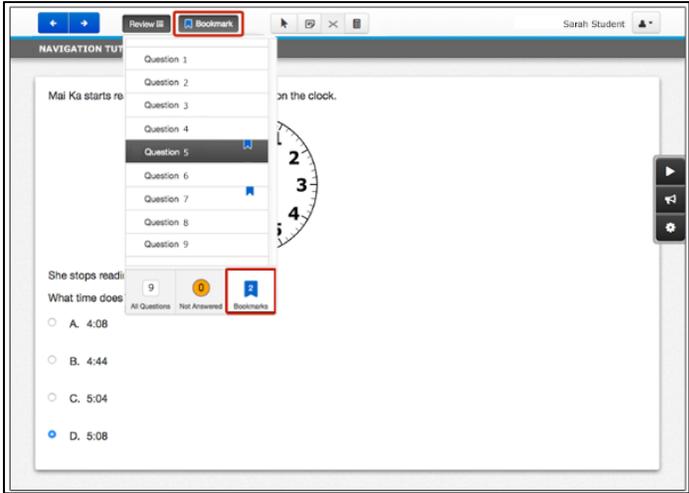
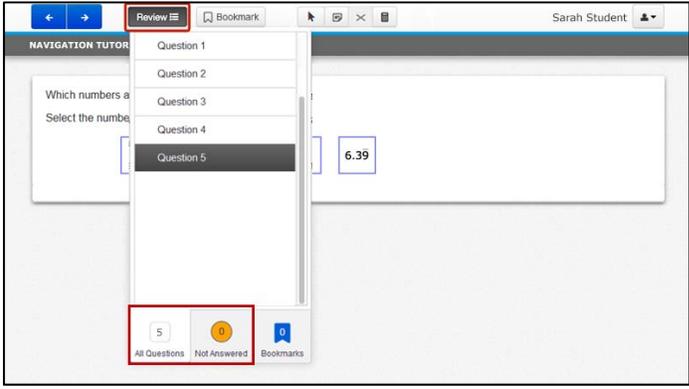
Year	Number of Snails
1	1,200
2	1,000
3	800
4	600
5	400

A. It reproduced too rapidly.

B. It could not live near plants.

C. It could not adapt to new conditions.

D. It was eaten by too many consumers.

Navigation	Sample Screenshot
<p><b>Title Pages (Reading and Science MCA only)</b></p> <p>At the beginning of each reading passage or science scenario, students will see a screen with the title of the passage or scenario.</p> <p>For reading only, students may see two titles on a title page. This means there will be two passages that go with the next set of questions.</p> <p>Note: Title pages are not included in the Navigation Tutorial. Refer to the item samplers to see the content-specific format of each test, as needed.</p>	
<p><b>Students Bookmarking Answers</b></p> <p>The Bookmark button lets students mark questions they want to review later.</p> <p>When students select Bookmark, a blue bookmark appears next to the question on the Review list.</p> <p>The number shown on the Bookmarks tab of the Review list tells students how many questions they have bookmarked for review.</p>	
<p><b>Students Reviewing Answers</b></p> <p>The Review button lets students go back to questions to review their answers. After students answer a question, they can see the Review list by selecting Review.</p> <p>When students select Review, it shows only the questions they have already answered.</p> <p>The number shown on the All Questions tab of the Review list tells students how many questions they have answered.</p> <p>The number shown on the Not Answered tab of the Review list will always display as zero since students must answer the question before they can select the Next or Back button or Review.</p>	

### Navigation

#### Reaching the End of a Section

After students have answered all the questions in a section, they will see a Review screen. The Review screen varies based on the test students are taking.

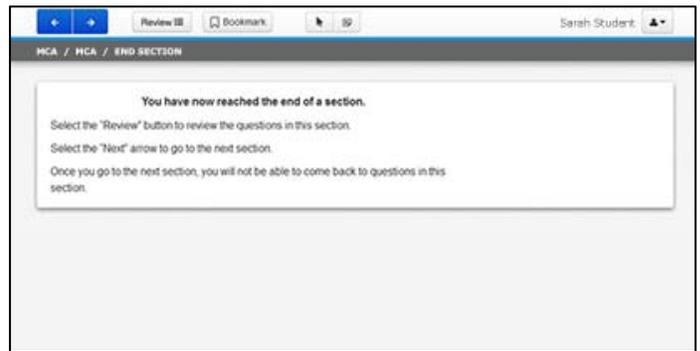
On the Review screen for Science MCA, students can also select the Bookmarks icon and then select a bookmarked question to go directly to question.

For all tests, students can select Review and then select any questions to go back to and review their answers.

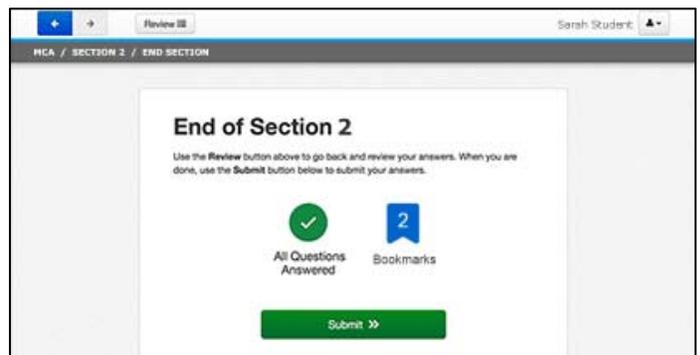
When students are done reviewing, they can select Review and select End Section at the bottom of the Review list to go back to the Review screen.

### Sample Screenshot

Reading and Mathematics MCA Review Screen



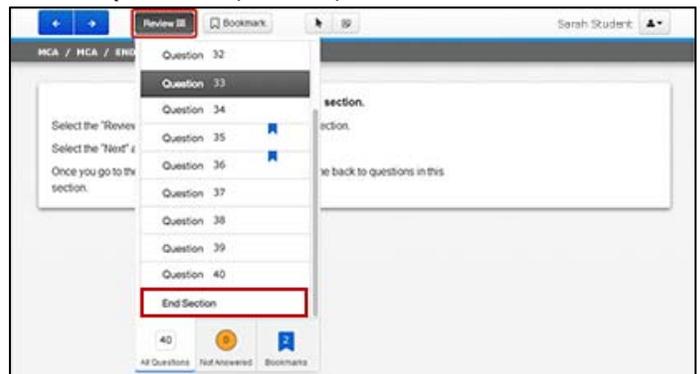
Science MCA Review Screen

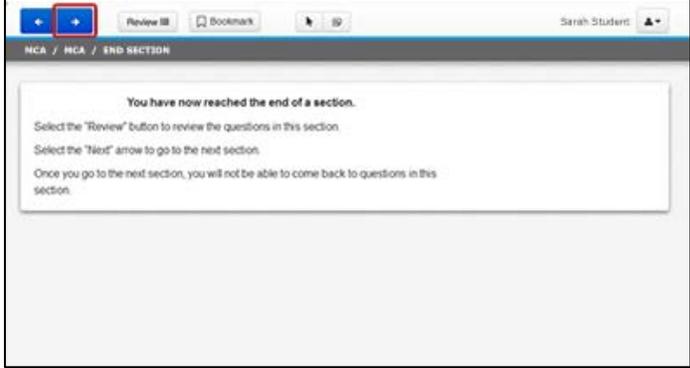
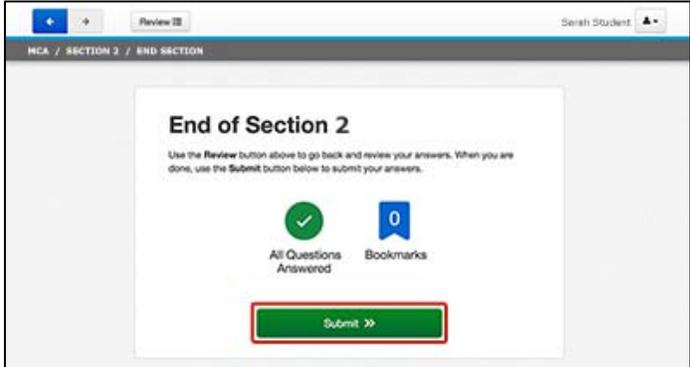
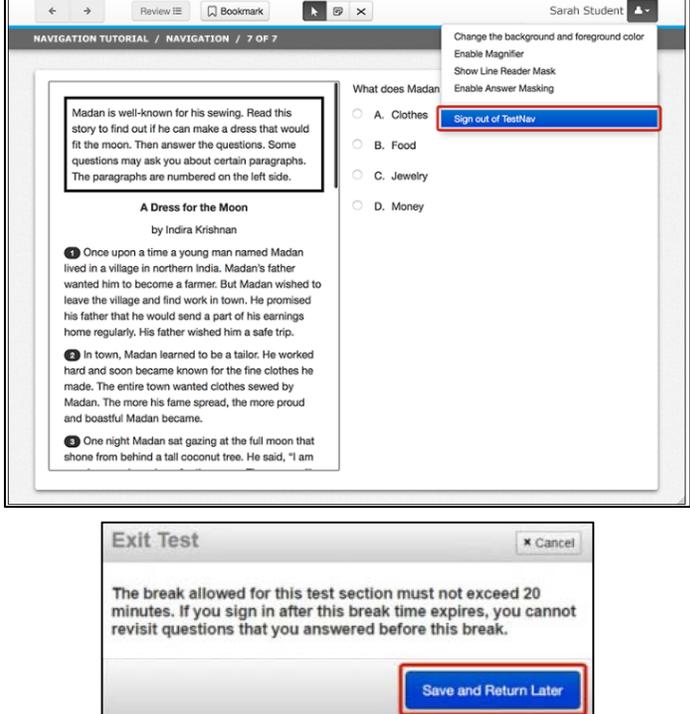


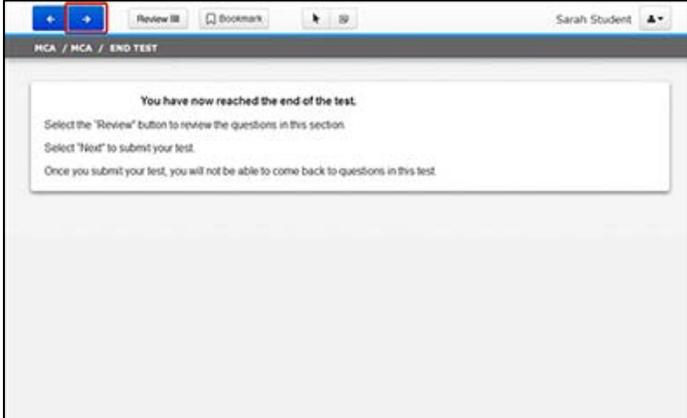
Science MCA Bookmarks Icon



Review Questions (all tests)



Navigation	Sample Screenshot
<p><b>Going to a New Section</b></p> <p>How students go to the next section also varies based on the test students are taking.</p> <ul style="list-style-type: none"> <li>For Reading and Mathematics MCA, students use the Next button to automatically go to the next section.</li> <li>For Science MCA, students use the Submit button to go to the next section. A warning will pop up. Students select No to go back, or they select Yes to go to the last section.</li> </ul> <p>Once students go to the next section, they cannot return to the previous section.</p> <p>Note: At the end of the first section (directions) for all tests, students will select Submit to go to the test. For Reading and Mathematics MCA, the Review screen shown here appears for subsequent sections.</p>	<p><b>Reading and Mathematics MCA</b></p>  <p><b>Science MCA</b></p> 
<p><b>Exiting the Test</b></p> <p>To exit the test, students will:</p> <ul style="list-style-type: none"> <li>Select the button next to their name.</li> <li>Select Sign out of TestNav in the dropdown menu.</li> <li>Select Save and Return Later.</li> </ul> <p>Students cannot go back to review their answers after they exit their test for more than 20 minutes.</p> <p>Note: Students may exit the test at any point. They are not required to complete a section before exiting, complete the same number of items, or exit in the same place as other students.</p>	

Navigation	Sample Screenshot
<p><b>Completing the Test</b></p> <p>When students have completed their test and reviewed their answers, they will see a final Review screen. The Review screen varies based on the test students are taking.</p> <p>Once students submit their test, they will not be able to go back.</p> <p>To submit their test:</p> <ul style="list-style-type: none"> <li>For Reading and Mathematics MCA, students will select Next. Then, students select Submit Final Answers.</li> <li>For Science MCA, students select Submit Final Answers. Then, students select Yes, Submit Final Answers.</li> </ul>	<p>Reading and Mathematics MCA</p>  <p>Science MCA</p> 