Science MCA-IV New Items Tutorial

2021 Transcript

0	This tutorial lets you practice how to navigate and answer new types of questions in the Science MCA. Select Start to begin the tutorial. *Note: There is no audio associated with this slide.*
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Slide 1	**Working in this Tutorial** Use the Next and Back buttons to move through the tutorial. Select the Play Text-to-Speech button on the right side of your screen to have the text read aloud for this tutorial.
Slide 2	**Viewing Tabbed Information** Information may be shown on multiple tabs. • The tab that appears with the question has the information you need to answer the question. • You can use text-to-speech to listen to the information on this tab. • You may also view the information on other tabs to help you answer the question but text-to-speech is only available on the tab that first appears. Select Next to practice answering a question with tabs.

Slide 3	**Viewing Tabbed Information** Tab A. Satellites are natural or artificial objects that orbit a planet or star. The Moon and Earth are both natural satellites. For thousands of years, humans have used natural satellites and stars to determine the time of day and predict the change of the seasons. Photography has assisted study of the solar system. Which advancement resulted from photographs taken from Earth of the night sky? A. Viewing the Moon became possible. B. Tracking stars and planets became easier. C. Pictures proved there is water on the Moon. D. Pictures showed life forms on other planets.
Slide 4	**Answering Constructed Response Questions** Some questions ask you to write a response. You must enter a response in the box using your keyboard or touchscreen to continue. • You can use some of the tools on the text box to format your response. • The Undo and Redo buttons are available to remove or add back text you entered. • There is a 1,000 character limit to your response. Select Next to practice answering this type of question.

Slide 5	**Answering Constructed Response Questions** Tab B. The first artificial satellite, Sputnik, was launched in 1957. Since then, many other countries, including the United States, have launched artificial satellites. These satellites are powered by an energy source such as batteries or the Sun. Describe the force that keeps a satellite in orbit around Earth and explain how the force depends on the mass of the satellite and its height above Earth's surface. In your description, be sure to do the following: • Identify the type of force that keeps the satellite in orbit. • Explain how the mass of the satellite affects the strength of the force that keeps the satellite in orbit around Earth. • Explain how the height of the satellite above Earth's surface affects the strength of the force that keeps the satellite in orbit around Earth.
000	End of Tutorial *Note: There is no audio associated with this slide.*