## QUICK LAB DIRECTED (Inquiry)

## The Geocentric Model of the **Solar System**

In this lab, you will identify the evidence that led ancient astronomers to conclude that Earth was at the center of the universe and the solar system. You will then describe an alternative explanation that fits the same evidence. Finally, you will be asked to play the role of one of the ancient astronomers who supported the geocentric model and give an oral report explaining this reasoning.



ACEDIDE	of observations.
What observation about the sun's motions did early astronomers use to support the geocentric theory?	<ul><li>MATERIALS</li><li>For each group</li><li>books and articles</li><li>computer (with Internet access)</li></ul>
What other observations might have supported the idea that Earth center of the solar system and the universe?	was at the

**OBJECTIVES** 

evidence that

supported the

geocentric model

of the solar system.

explanation for a set

• Identify the

• Describe an alternative

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