

CHAPTER  
**22**

GUIDED READING *The Scientific Revolution*

Section 1

**A.** Determining Main Ideas As you read about the revolution in scientific thinking, take notes to answer the questions.

How did the following help pave the way for the Scientific Revolution?	
1. The Renaissance	
2. Age of European exploration	

What did each scientist discover about the universe?	
3. Nicolaus Copernicus	
4. Johannes Kepler	
5. Galileo Galilei	
6. Isaac Newton	

What important developments took place in the following areas?	
7. Scientific instruments	
8. Medicine	
9. Chemistry	

**B.** Determining Main Ideas On the back of this paper, explain how the **scientific method** is based on the ideas of Francis Bacon and René Descartes.