Before You Read: Anticipation Guide

Read the statements below and note if you agree or disagree with them. After you've read the lesson, see if you've changed your opinion.

- European exploration and settlement of the Americas, Africa, and Asia had little impact on these regions.
- Colonial rivalries helped to shift the balance of power in Europe.

Big Ideas About the Scientific Revolution and Exploration

Science and Technology New scientific discoveries change human understanding of the world.

Great voyages of exploration and discovery gave rise to a new European worldview. Also, scientific and technological developments changed the way people looked at religion, politics, and culture.

Integrated Technology

**eEdition**
- Interactive Maps
- Interactive Visuals
- Starting with a Story
- Spanish Explorers

**INTERNET RESOURCES**
- Go to ClassZone.com for WebQuest
- Homework Helper
- Research Links
- Internet Activities
- Quizzes
- Maps
- Test Practice
- Current Events

1460s
- Portuguese gain control of trade along West African coast.

1492
- Columbus makes his first voyage to the Americas.

1520
- Suleyman the Magnificent becomes sultan of the Ottoman Empire.

1543
- Copernicus publishes heliocentric theory, (model of heliocentric universe)

**EUROPE**

**WORLD**
1572 Túpac Amaru, the last Incan ruler, is overthrown.

1609 Galileo observes the heavens through a telescope.

1620 Francis Bacon’s book *Novum Organum* encourages scientific method.

1644 Manchus establish the Qing Dynasty in China. (Qing Dynasty print)

1687 Newton publishes treatise on law of gravity.

1689 Peter the Great comes to power in Russia.