

Science and Exploration

Goals & Objectives

At the end of this unit, students will be able to:

- Understand the scientific method and its Greek origins, and how Muslim scholars helped save these texts.
- Describe how Nicolaus Copernicus and Galileo Galilei changed the study of astronomy.
- Understand how scientific inventions from this period affect life today.
- Explain how navigation tools, caravels, and better maps affected travel by sea.
- Explain why Europeans wanted to explore and find new lands.
- Know who Christopher Columbus, Ferdinand Magellan, and Vasco da Gama were.
- Identify the names of plants and animals Europeans brought to the Americas.
- Understand the positive and negative results of the Columbian Exchange.
- Evaluate how the founding of colonies affected manufacturing.
- Define mercantilism and explain its importance to colonialism.