

Study Guide 18 – the Age of Science

People & Groups

Archimedes
Sir Francis Bacon
Maffeo Barberini/Pope Urban VIII
Cardinal Robert Bellarmine
Tycho Brahe
Nicholas Copernicus
René Descartes
Galileo Galilei
Johannes Kepler
Sir Isaac Newton
Blais Pascal
Ptolemy

Terms

Alchemy
Antitrinitarianism
Aristotelianism
Cartesianism
Cogito ergo sum
Copernican System/Copernicanism
Empiricism
Humanism
Inductive method
Inquisition
Neoplatonism
Ptolemaic System
Renaissance Mechanism
Tychonic System

Key Publications

On the Revolutions of the Heavenly Spheres (Copernicus) – 1543
The Starry Messenger (Galileo) – 1610
Letter to the Grand Duchess (Galileo) – 1615
A Dialogue Between the Two Great World Systems (Galileo) – 1632
Novum Organum (Bacon) – 1620
Discourse on Method (Descartes) – 1637
The Two New Sciences (Galileo) – 1638
Principia Mathematica (Newton) – 1687

Events

Thirty Years' War
Trial of Galileo – 1633
Establishment of the Royal Society (England) – 1660
Establishment of the Academy of Sciences (France) – 1666