

New Views

The Scientific Revolution(1540-1700)

-a series of events that led to the birth of modern science

Placed importance on what was observed, not just told.

Logical explanations on how the world worked.

Science and Religion

- The church feared the influence of science
- Example: Church teachings stated that the Earth was the center of the Universe.
 - Astronomer Nicolas Copernicus, using a telescope proved that wrong.
- 1632 Galileo published a book supporting Copernicus-Galileo was arrested and put on trial.

Discoveries and Inventions

Discoveries. . . In astronomy- how the stars and planets move in the sky

In biology-how blood circulates

In physics-how mirrors and pendulums work

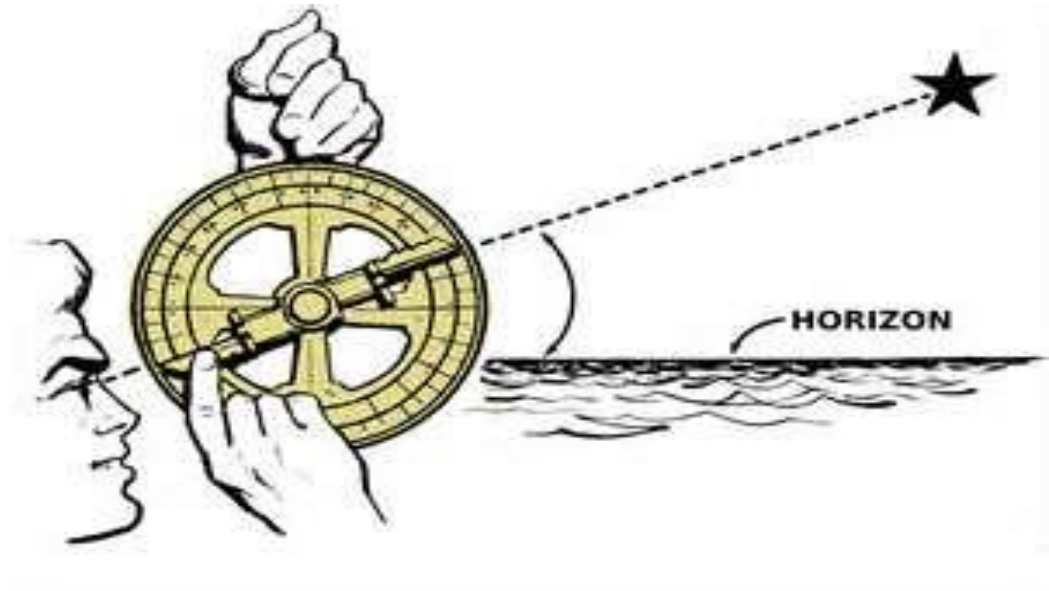
- **Sir Isaac Newton**(math and physics)

Known for his observations about gravity



Astrolabe

Sailors could use the stars to calculate a ship's exact location.



compass

A compass, which always points north, helped sailors find their way at sea.



telescope

With a telescope, scientists could study the heavens like never before.

