

**Internal organs first studied**

**Earth discovered to be round**

**Moonlight discovered to be  
reflected sunlight**

**First theory of Earth revolving  
around the Sun**

**Development and first use of  
levers**

**Camera invented**

**Circumference of the Earth first  
measured**

**Sizes of and distance to the Sun  
and Moon first measured**

**Circa 400 B.C.**  
**(by Ancient Greeks and Indians)**

**Circa 1000 B.C.**  
**(by Ancient Egyptians)**

**260 B.C.**  
**(by ancient Greek astronomer**  
**Aristarchus of Samos)**

**500 B.C.**  
**(by ancient Greek philosopher**  
**Anaxagoras)**

**Circa 300 B.C.**  
**(by Ancient Chinese)**

**Circa 200 B.C.**  
**(by Archimedes)**

**Circa 100 B.C.**  
**(by ancient Greek astronomer**  
**Hipparchus)**

**Circa 200 B.C.**  
**(by ancient Greek mathematician**  
**Eratosthenese)**

**Refraction of light into rainbows  
discovered**

**Comets first discovered to be  
something other than “shooting  
stars”**

**Corrective eyeglasses first  
invented**

**Natural climate change first  
studied**

**Earth’s magnetic field discovered**

**First telescope invented**

**Cells discovered**

**Bacteria discovered**

**Circa 500 B.C.**  
**(by ancient Indian astronomer**  
**Varahamira)**

**Circa 100 B.C.**  
**(by ancient Roman astronomer**  
**Ptolemy)**

**Circa 1000**  
**(by Chinese scientist**  
**Shen Kuo)**

**Circa 1290**  
**(by unknown Italian inventor)**

**1608**  
**(by unknown Dutch inventor)**

**1600**  
**(by English physicist**  
**William Gilbert)**

**1675**  
**(by Dutch scientist**  
**Anton van Leeuwenhoek)**

**1665**  
**(by English scientist**  
**Robert Hooke)**

**Speed of light first measured**

**Laws of motion discovered**

**System for classifying living things  
developed**

**Discovery that lightning is  
electricity**

**Batteries invented**

**Stainless steel invented**

**First computer invented**

**Viruses discovered**

**1687**  
**(by English physicist**  
**Sir Isaac Newton)**

**1676**  
**(by Danish astronomer**  
**Ole Romer)**

**1751**  
**(by American scientist**  
**Benjamin Franklin)**

**1735**  
**(by Swedish botanist**  
**Carl Linnaeus)**

**1820**  
**(by English scientist**  
**Michael Faraday)**

**1800**  
**(by Italian chemist**  
**Alessandro Volta)**

**1892**  
**(by Russian botanist**  
**Dmitri Ivanovsky)**

**1837**  
**(by English mathematician**  
**Charles Babbage)**

**X-rays discovered**

**Black holes discovered**

**Discovery of galaxies other than  
the Milky Way**

**DNA discovered**

**First animal cloned**

**First humans on the moon**

**First computer program**

**First vaccine**

**1915**  
**(by German astronomer**  
**Karl Schwarzschild)**

**1895**  
**(by German physicist**  
**Wilhelm Conrad Röntgen)**

**1943**  
**(by Canadian physician**  
**Oswald Avery)**

**1924**  
**(by American astronomer**  
**Edwin Hubble)**

**1969**  
**(American astronauts**  
**Neil Armstrong and Buzz Aldron)**

**1996**  
**(by Scottish researchers)**

**1798**  
**(by British scientist**  
**Edward Jenner)**

**1843**  
**(by English mathematician**  
**Ada Lovelace)**