How did these events shape your world?

Share your thoughts by writing them on a sticky note.

1543 - Nicolaus Copernicus publishes his theory that Earth orbits the Sun.

1610 - Galileo Galilei uses a telescope he built to observe the four inner moons of Jupiter.
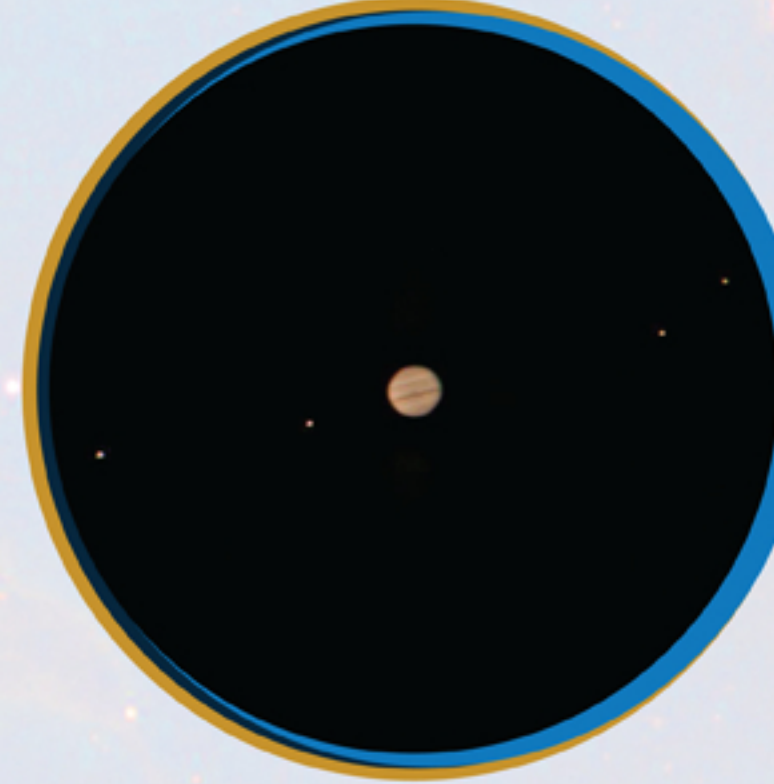
1687 - Isaac Newton publishes his theory of gravitation and the laws of motion.

1800 - William Herschel splits sunlight through a prism and notices a sudden increase in energy beyond the red end of the spectrum, discovering invisible infrared and laying the foundations of spectroscopy.

1916 - Einstein publishes his General Theory of Relativity

1929 - Edwin Hubble discovered that the Universe is expanding and that the farther away a galaxy is, the faster it is moving away from us.

1932 - Karl Jansky detects the first radio waves coming from space.

1957 - Russia launches the first artificial satellite, Sputnik 1, into orbit, beginning the space age.

1961 - JFK announces plans for the U.S. to "go to the Moon"

1961 - Yuri Gagarin becomes the first human in space.

1969 - Neil Armstrong and "Buzz" Aldrin become the first humans on the Moon as part of the Apollo 11 mission.

1972 - Charles Bolton was the first astronomer to present irrefutable evidence of the existence of a black hole.

1983 - Sally Ride becomes the first American woman in space, launching aboard Space Shuttle Challenger.

1990 - Hubble Space Telescope is deployed into orbit by Space Shuttle Discovery

1995 - Michel Mayor and Didier Queloz of the University of Geneva announced the first definitive detection of an exoplanet orbiting a main-sequence star.

1997 - The Mars Pathfinder spacecraft, carrying the Sojourner Rover, lands on Mars.

2006 - Pluto was redefined as a dwarf planet along with Ceres and Eris.

2012 - NASA's Curiosity Rover lands on Mars.

2012 - NASA signs a deal with a private company, SpaceX, to design and develop a next generation space capsule.

2015 - New Horizons becomes the first spacecraft to reach Pluto.

What should we explore next? Tell us on a sticky.