

Year 5 Autumn 2 Science- Earth and Space

Key facts

1. The Sun is at the centre and the planets follow individual paths called orbits around it.
2. They all travel in the same direction, but move at different speeds and take different times to complete one orbit.
3. All planets within the solar system orbit the sun.
4. The order of the planets, starting with the one closest to the Sun is: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus then Neptune.
5. A moon is a celestial body that orbits a planet.
6. The Earth, moon and sun are known as spherical bodies.
7. The moon orbits around the Earth, the planets orbit around the sun and the sun remains stationary.
8. The Earth's rotation around a stationary sun creates the apparent movement of the sun across the sky.



Scientific skills

- Plan an enquiry
- Present my results

Key Vocabulary

- Earth
- axis
- rotate
- Solar system
- planets
- orbits
- star
- universe
- Milky way
- galaxies