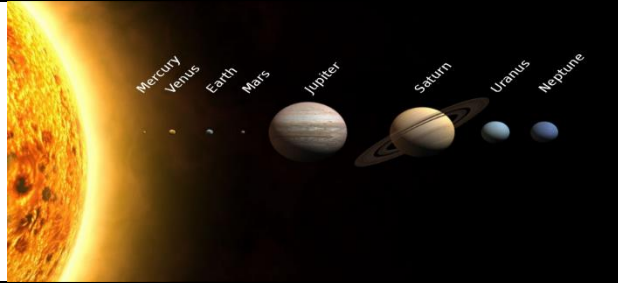



Year 5: Science-Space

| Subject Specific Vocabulary | | Memorable Image | Exciting Books |
|-----------------------------|---|--|---|
| Solar | Relating to the sun. |  |  |
| Orbit | To make a circuit around. | | |
| Rotate | To turn around on an axis or central point. | Sticky Assessment Knowledge | |
| Heliocentric | The theory that the Earth and planets revolve around the sun. | <input type="checkbox"/> I know the Earth is a sphere and not flat. | Useful Websites |
| Geocentric | The theory that the planets and sun revolve around the Earth. | <input type="checkbox"/> I know how seasons, months, years and leap years are formed. | |
| Satellite | A celestial body orbiting the Earth or another planet. | <input type="checkbox"/> I know about key objects in the solar system (planets, sun, moon) and how they move. | https://www.youtube.com/watch?v=Qd6nLM2QIWw https://www.youtube.com/watch?v=iiBIFvu-X0 |
| Moon Phases | Different ways the moon looks from Earth over the course of a month. | <input type="checkbox"/> I know the difference between the heliocentric model and geocentric model. | Misconceptions and Facts |
| Axis | The imaginary line around which an object spins. | <input type="checkbox"/> I know how night and day occurs. | |
| Spherical | Shaped like a sphere. | <input type="checkbox"/> I know about times zones across the world and how to predict what time it will be in a different country. | |
| Time Zone | Different places in the world have different times. There are 24 due to the Earth's rotation. | | |
| Gravity | A force that acts downwards, pulling objects towards the centre of the Earth. | | <ul style="list-style-type: none"> • The sun disappears during the night. • There are 9 planets. • There is no gravity in space. • The Earth takes 365.25 days to rotate around the sun. |