

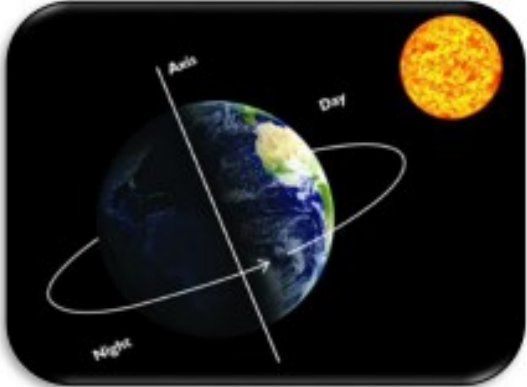


# Year 5 Earth and Space Knowledge Organiser



Essential Vocabulary	
<b>astronaut</b>	A scientist who travels into space
<b>astronomer</b>	A scientist who learns about space
<b>axis</b>	An imaginary line through the middle of something
<b>galaxy</b>	An extremely large group of stars and planets. Our galaxy is called the Milky Way
<b>meteorite</b>	A rock from outer space that has landed on Earth
<b>moon</b>	A natural satellite that orbits a planet. Earth only has one moon, other planets have different amounts
<b>planet</b>	A large, roughly spherical object that orbits a star
<b>shadow</b>	A dark shape created when light is blocked
<b>solar system</b>	Our Sun and all the planets that orbit it.
<b>spherical</b>	Shaped like a sphere (ball)
<b>star</b>	A large ball of burning gas in space
<b>sun</b>	The name given to the star in our solar system
<b>universe</b>	The whole of space and all the stars, planets and other forms of matter and energy in it

- Essential Learning
- Describe the movement of the Earth, and other planets, relative to the Sun and in the solar system
  - Describe the movement of the Moon relative to the Earth
  - Describe the Sun, Earth and Moon as approximately spherical bodies
  - Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky



- Essential Questions:**
- Which planets are in our solar system?
  - What causes night and day?
  - Why is a year 365 days long?
  - Why do we have months?
  - What did people used to think about the solar system?

