

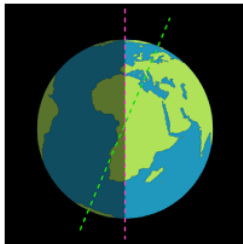
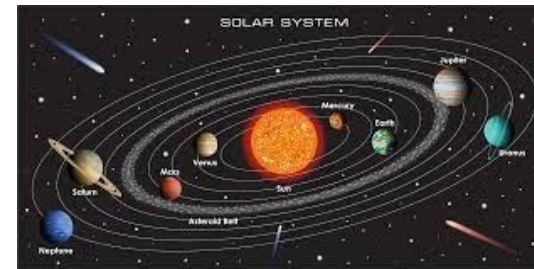
KEY KNOWLEDGE FACT SHEET

YEAR FIVE—SPACE



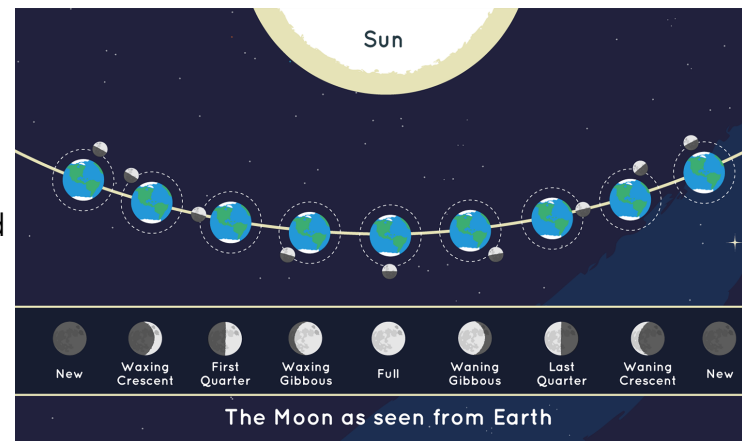
OVERVIEW

- ⇒ The **Earth** (our planet) is a part of the **solar system**.
- ⇒ At the centre of the solar system is the **sun**.
- ⇒ The sun is a star.
- ⇒ There are 8 planets in the Solar System which orbit the sun.
- ⇒ It takes just over 365 days (1 year) for Earth to orbit the sun.
- ⇒ All bodies in our solar system are roughly **spherical** in shape.



- ⇒ The Earth **rotates** on its axis once every 24 hours.
- ⇒ This causes **day** and **night**.
- ⇒ The side of the Earth facing the sun is in daytime, the side facing away is in night time.

- ⇒ The Earth has one **moon** which orbits the planet.
- ⇒ As the moon moves around the Earth, a different shape of the moon can be seen. These are called phases.
- ⇒ Some planets have multiple moons and others have none.



KEY VOCABULARY

Earth a planet

space the region beyond Earth's atmosphere

sun a star in the centre of the solar system

solar system a collection of 8 planets and their moons

spherical bodies the shape of the sun, moon and planets

moon a natural satellite

day when the Earth is facing the sun

night when the earth is facing away from the sun

rotation spins