

Year 5 Earth & Space Knowledge Organiser



Star Vocabulary

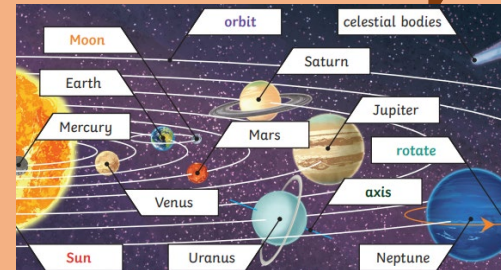
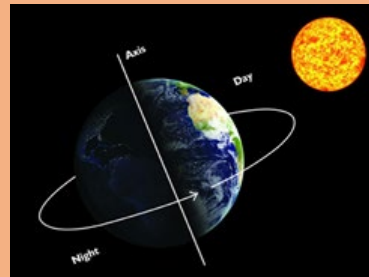
Sun	A huge star that plants orbit around.
Star	A giant ball of gas held together by it's own gravity.
Moon	A natural satellite which orbits the planets.
Planet	A large object that orbits a star.
Satellite	Any object or body in space that orbits something else. E.g. the moon is a satellite of Earth.
Orbit	Move in regular curved path around another object.
Axis	An imaginary line that a body rotates around.

Observe changes across the four seasons & describe weather and how the day length changes.

The Sun as a star, other stars in our galaxy, other galaxies. The light year as a unit of astronomical distance.

The moon orbits Earth in an oval shaped path while spinning on it's axis.

Earth rotates on it's axis. It does a full rotation once in every 24 hours.



It appears that the sun moves across the sky but it doesn't actually move at all.

Mercury, Venus, Earth and Mars are rocky planets. They are mostly made of metal and rock.

Jupiter, Saturn, Uranus and Neptune are mostly made up of gases.



Progression

Observe the changes in seasons.

Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.

Describe the Sun, Earth and Moon as approximately spherical bodies.

Observe the weather and how the length of the day changes.

Describe the movement of the Moon relative to the Earth.

Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.