

Earth and Space

Key Vocabulary	
Dwarf planet	A small planet
Earth	The planet we live on. It is the third planet from the Sun.
Gravity	A pull force by which a planet or other body draws objects toward its centre
Moon	Earth's only natural satellite. It circles the Earth and shines at night by reflecting light from the sun.
Orbit	The curved path that an object follows going around a star or a planet.
Planets	Large round objects, made of rock or gas, that move around the sun.
Rotate	When an object rotates it turns (spins) on its axis.
Solar system	The sun and all the 8 planets and their moons which orbit around it.
Star	An object in space made of luminous plasma (bright gas) held together by its own gravity
Sun	The sun is the star at the centre of our solar system.

The Sun is a star at the centre of our solar system.



There are 8 planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

(My Very Educated Mother Just Served Us Nachos.)

These all orbit (travel) around the sun.

Time

The Earth to spin once on its axis.
(When the Earth faces the sun it is daylight and when it faces away from the sun it is night. It makes the sun appear to travel across the sky)

24hours

The moon to orbit the Earth

28 days

The Earth to orbit the sun
(Every 4 years there is a leap year due to the extra quarter - an extra day in February)

365 days $\frac{1}{4}$ days

The Earth's tilt on its axis is what causes the 4 seasons. Sometimes it points towards the sun and other times it points away from the sun.

