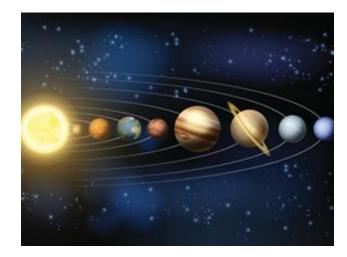
Key Vocabulary Dwarf planet A small planet The planet we live on. It is the third Earth planet from the Sun. A pull force by which a planet or other Gravity body draws objects toward its centre Earth's only natural satellite. It circles Moon the Earth and shines at night by reflecting light from the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

The Earth rotates (spins) on its axis once every 24 hours. Sun Earth Day Night

Earth and Space

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.

The moon orbits the <u>Earth</u> It takes about 28 days to complete its orbit. Earth Moon

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)

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

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.



The Earth orbits the Sun.

It takes $365\frac{1}{4}$ days to complete its orbit around the Sun.

