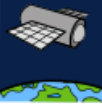


Year 3 Science –Space

Vocabulary			Knowledge
Solar system	A collection of eight planets and their moons		Solar system - there are eight planets. Our solar system starts with the sun (the sun is a star not a planet). The order of the planets in the solar system is Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.
Planet	Spherical objects that orbit the sun		All the planets in the solar system orbit the sun. It takes 365 days for the Earth to orbit the sun.
Terrestrial	Planets made up of rocks or metals		The largest planet in the solar system is Jupiter, the smallest planet in the solar system is Mercury.
Moon	the natural satellite of Earth, usually visible at night by reflecting light from the sun.		The first four planets (Mercury, Venus, Earth and Mars) are called terrestrial planets and are made of rock and metal.
Satellite	an object in orbit round Earth, a moon or another planet.		The next two (Jupiter and Saturn) are called gas giants and are made of gases
Orbit	a regular, repeating path that an object in space takes around another one.		The last two (Uranus and Neptune) are called ice giants and are mainly made of water and gases.
Gas giants	Planets made up of gases		Earth and the Moon
Ice giants	Planets made up of water and gasses		Earth is the only place that life is known to exist. It has one natural satellite – the Moon. Earth's Moon is the fifth largest Moon in the solar system, missions to the moon have shown that the craters were formed by the impact of meteorites or asteroids.
Craters	A large cavity caused by an explosion		We only see 51% of the moon, the side we see is lit by reflected sunlight. The side facing away from Earth has only been seen by human eyes from a spacecraft.
Asteroids	Small rocky body orbiting the sun		A 'star' is a ball of gas that gives off both light and heat. A star is held together and produces its own gravity.
Meteorites	A piece of rock or metal that has fallen to the Earth's surface from space		A 'planet' is a mass that orbits the sun, it must be spherical in shape and must be big enough according to scientists
Star	A fixed luminous point in the night sky		A 'satellite' can be a moon, a planet or a machine that orbits and object. A satellite can be natural (the Earth or the Moon for example) or manmade (Luna and sputnik for example)

