

EARTH AND SPACE



The Moon orbits the Earth anti-clockwise and takes approximately 28 days.

The Moon spins once on its axis every time it orbits Earth. This means that we only see one side of the Moon.

The Moon has different phases depending on where it is in its orbit. At different times, the moon appears to be different shapes because the sun light up different parts of the moon as it moves around the Earth. The Moon's gravity causes high and low tides.



The Sun, Earth and Moon are approximately **spherical**.

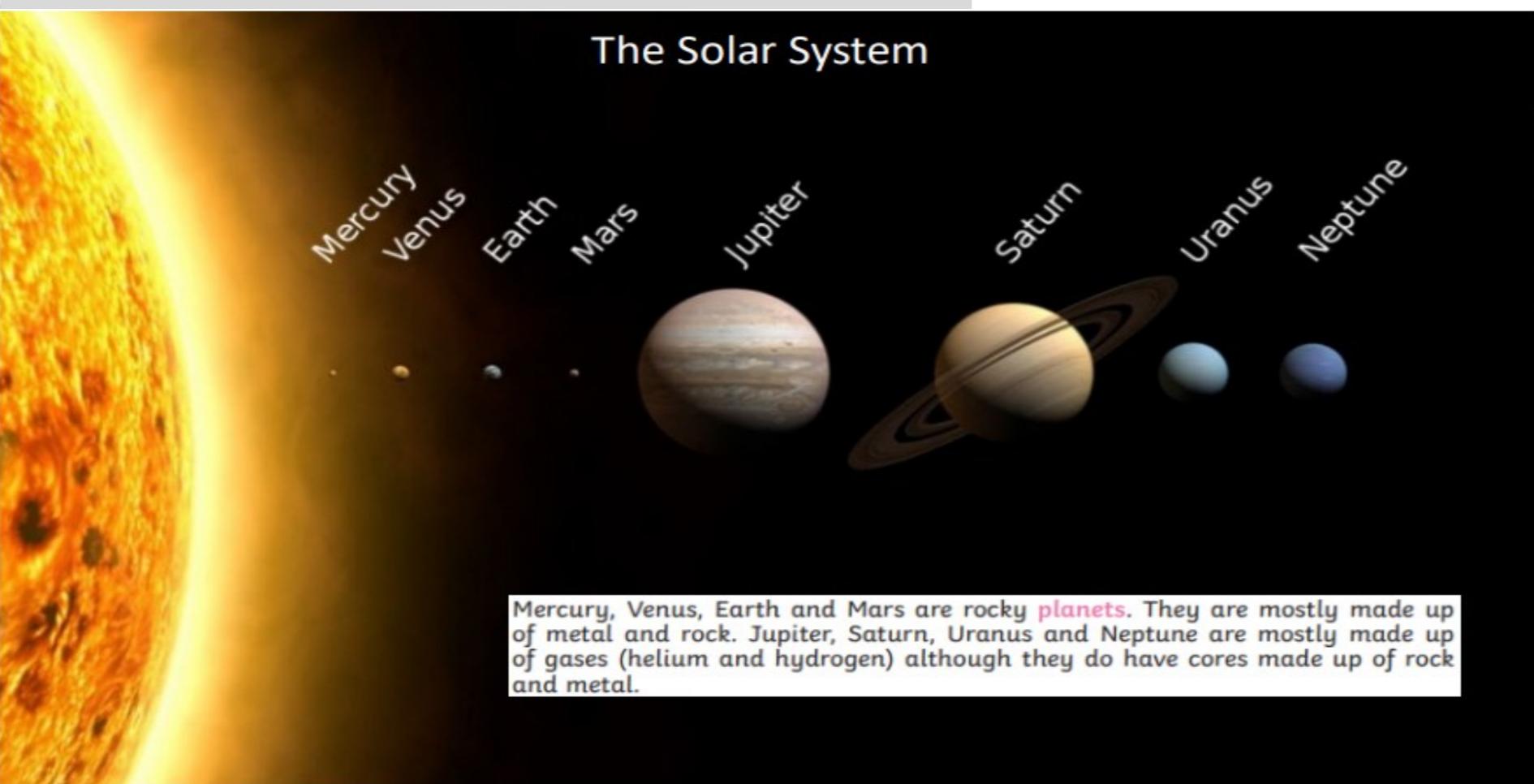
The Earth **orbits** the Sun.

The Moon **orbits** Earth.



An easy way to remember the names of planets in order is:

My Very Easy Method Just Speeds Up Naming



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Planet	An object that orbits a star and does not emit its own light.
Star	A giant ball of gas held together by its own gravity and makes heat and light energy.
Gravity	The force that attracts an object towards a larger object.
Orbit	A curved path of a planet taken by one body circling around another body. The earth makes an orbit around the sun.
Solar system	The solar system consists of the Sun and everything that orbits, or travels around, the Sun.
Astronomy	Astronomy is the study of outer space and all of the objects and bodies outside of the Earth's atmosphere, like stars, planets and comets.
Axis	Astronomy is the study of outer space and all of the objects and bodies outside of the Earth's atmosphere, like stars, planets and comets.
Time zone	Time zones give specific areas on the Earth a time of day that is earlier or later than the neighbouring time zones . The time zone is dependent on the Earth's rotation.
Sphere	A round 3D shape in the shape of a ball.
Sun	A huge star that the Earth and other planets in our solar system orbit around.
Moon	A natural satellite which orbits Earth or other planets.
Geocentric model	A belief people used to have that other planets and the Sun orbited around the Earth.
Heliocentric model	The structure of the solar system where the planet orbits around the sun.

