
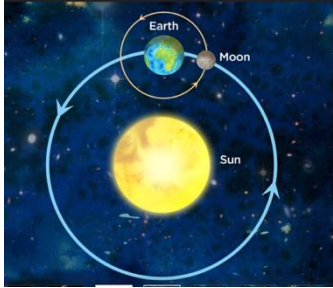


EARTH and SPACE – Knowledge Organiser Year 5 Autumn 1

Vocabulary		What is the Moon?	Movement of the Sun, Earth and Moon
Sun	The star at the centre of our solar system.	<p>The Moon is a large ball of rock that orbits the Earth. It is believed that the Moon was created 4.5 billion years ago when a large planet-sized object collided with the Earth.</p> 	<ul style="list-style-type: none"> The Earth takes 24 hours (1 day) to rotate once on its axis. The Earth takes 365 ¼ days (1 year) to orbit the Sun. The Moon takes 28 days to orbit the Earth. 
solar	Relating to ('to do with') the Sun.		
Earth	The fifth largest planet in our solar system and the only one thought to have humans living on it.		
Moon	A natural satellite of the Earth made of rock.		
lunar	Relating to ('to do with') the Moon.		
crater	A large dent/hole in the surface caused by something hitting it or by an explosion.		
sphere	A 3D shape (the shape of a globe or football).		
spherical	Having the shape of a sphere.		
disc	A flat 2D circular shape.		
circumnavigate	To completely travel around the globe (usually associated with sea travel).		
gravity	A force pulling two objects towards each other.		
orbit	The curved path through which objects in space move around a planet or star.		
rotate	To turn around a point or axis.		
axis	An imaginary line around which an object rotates.		
day	The time taken for a planet to rotate once on its axis (for Earth this is 24 hours).		
year	The time taken for a planet to orbit the Sun (for Earth this is 365 ¼ days).		
lunar month	The time taken for the Moon to orbit the Earth (28 days).		
phase	The Moon's apparent 'shape' created by the Sun lighting up different parts of the lunar surface.		
horizon	The line at which the Earth's surface and the sky appear to meet.		