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## Whingate Primary School - Science

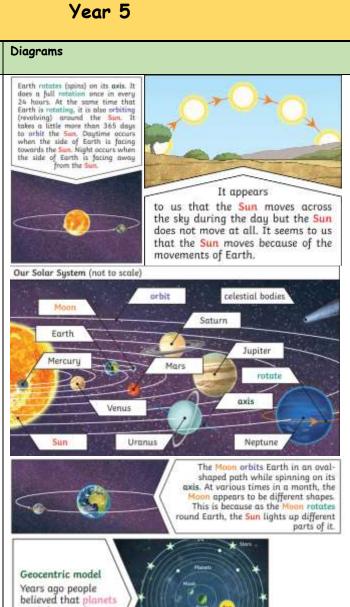
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Earth	and	Spa	ce
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Cur m und Opace				
What should I already know?	Vocabulary			
-Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.	Sun			
- Recognise that light from the sun can be dangerous and that there are ways to protect your eyes.	star			
- Recognise that shadows are formed when the light from a light source is blocked by a solid object.	moon			
- Find patterns in the way that the size of shadows change.	planet			
Learning Journey Assessment				
-Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.	sphere			
-Describe the movement of the Moon relative to the Earth.	spherical bodies			
-Describe the Sun, Earth and Moon as approximately spherical bodies.	satellite			
- Explain the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.				
- Carry out a full investigation into the length of shadows at different times of the day	orbit			
Famous Scientists	rotate			
Nicolans The work and ideas of many uptroactions of keyler) to combined over many years to form the idea of the heliocentric ecoded with developed. Galibo's work an gravity allowed attractments to upderstand how years at stupy in orbit.	axis			
Mae Jemison 1930 - Present	geocentric model			
	heliocentric mod			
A sea the fact factor fac	astronomer			

/ocabulary	<b>*</b>
Sun	A huge star that Earth and the other planets in our solar system orbit around.
star	A giant ball of gas held together by its own gravity.
moon	A natural satellite which orbits Earth or other planets,
planet	A large object, round or nearly round, that orbits a star.
sphere	A round 3D shape in the shape of a ball.
spherical bodies	Astronomical objects shapes like
satellite	Any object or body in space that orbits something else, for examples the Moon is a satellite of Earth.
orbit	To move in a regular, repeating curved path around another object.
rotate	To spin. E.g. Earth rotates on its own axis.
axis	An imaginary line that a body rotates around. E.g. Earth's <b>axis</b> (imaginary line) runs from the North Pole to the South Pole.
geocentric model	A belief people used to have that other planets and the Sun orbited around Earth.
heliocentric model	The structure of the Solar System where the planets orbit around the Sun.
astronomer	Someone who studies or is an expert in astronomy (space science).



moved around the Earth.