



let anyone look down on you because you are young but set an example for the believers in speech; in conduct; in love; in faith and in purity.
(1 Timothy 4:12)

Subject: Science		Year group: 5	Term: Spring 1	Title: Earthlings - Physics			
What should I know? - That planets, the sun and stars make up our solar system - That the planets are different sizes - The names of the planets 		Facts I will learn ... - How to describe the movement of Earth and the other planets in relative to The Sun - How to describe the movement of The Moon in relative to Earth - That The Sun, Earth and The Moon are spherical - How we have night and day 		Key questions ... - What do we know about the Earth, sun and moon? - How do the Earth, sun and moon fit within our solar system? - How do we get day and night? - What do we know about the shape and movement of the Earth? - Why does the moon appear to change shape? - How do shadows, created by the sun, change during the day? - How were shadows used in the past to help people tell the time?			
Key Skills... - Explaining and describing the movement of planets and the moon - Describing how shadows are created		Experiences that school may provide: A visit to Spaceport/Jodrell Bank		Key vocab and definition <table><tr><td>Spherical</td><td>Shaped like a sphere</td></tr></table>		Spherical	Shaped like a sphere
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Explaining how we have day and night		Revolve	Move in a circle
		Orbit	The curved path of an object around a star, planet or moon
		Rotate	Move in a circle round an axis
		Axis	An imaginary straight line passing through the centre of something
		Sunrise	The time in the morning when the sun appears or full daylight arrives
		Sunset	The time in the evening when the sun disappears or the daylight fades
		Sundial	An instrument showing the time using a shadow
		Shadow	A dark area or shape produced by a body coming between rays of light and a surface
Web links https://www.bbc.co.uk/bitesize/subjects/z2pfb9q (Earth and space area) https://spaceplace.nasa.gov/menu/play/	Experiences that could be provided at home... - Learning a poem to help remember the order of the planets - Keeping a moon diary - Using a telescope at night to see the stars		

		Time zone	A range of longitudes where standard time is used	
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