



Summer 1			
Name of Topic	Earth and Space	Year Group	5

Key Vocabulary and Spellings		
1	orbit	To move in a regular repeating curved path around another object
2	rotate	To spin
3	eclipse	When one celestial body blocks the light to another
4	lunar	The moon
5	solar	The sun
6	axis	An imaginary line that a body rotates around
7	geocentric	A belief that the sun and other planets orbited around the Earth
8	heliocentric	The structure of the solar system where the planets orbit the Sun
9	astronomer	Someone who studies space science
10	celestial body	A natural object which is outside the Earth's atmosphere

It appears to us that the Sun moves across the sky during the day but the Sun does not move at all. It seems to us that the Sun moves because of the movements of Earth.

Key Investigations	
1	Observe the shape of the moon over a period of a month.
2	Investigate and describe how ideas about the Solar System have changed over time.

Top Topic Facts	
1	Pluto used to be considered a planet but it was reclassified as a dwarf planet in 2006.
2	At various times in a month the moon appears to be different shapes.
3	The Earth rotates on its own axis and at the same time is orbiting the Sun.
4	Daytime occurs when the side of the Earth is facing towards the Sun.
5	Night occurs when the side of the Earth is facing away from the Sun.
6	The moon does not give off light. The light is reflected from the Sun.

Key Questions of Enquiry	
1	Does the Sun move around the Earth?
2	Why do we not fall off the edge of the Earth?
3	What causes day and night?
4	Is the Moon a Planet?