

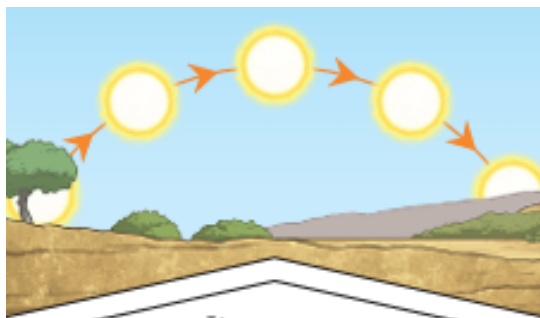


Upper Key Stage 2: Earth and Space

Key Vocabulary		The moon
Earth	Earth is the third planet from the Sun and the only astronomical object known to harbor life.	 <p>The Moon orbits Earth in an oval-shaped path while spinning on its axis. At various times in a month, the Moon appears to be different shapes. This is because as the Moon rotates round Earth, the Sun lights up different parts of it.</p>
Sun	The star round which the earth orbits.	
Moon	The natural satellite of the earth, visible (chiefly at night) by reflected light from the sun.	<h3>Edwin Hubble</h3> <p>Edwin Hubble was a famous American astronomer, who was born in Missouri, US in 1889. Hubble discovered that the universe was expanding at an astronomical rate beyond our own galaxy. The discovery is now known as 'Hubble's Law'</p> <p>It was obvious that Hubble would be one of the main figures in astronomy, as he took to it at such an early age. Hubble received his first telescope at the age of eight, and began to discover space for himself. And it is so important that he did, as Hubble has become one of the most influential astronomers in history through his very important work. So important, that the famous Hubble telescope was named after the great man.</p> 
Mercury	The smallest planet in the Solar System, the closest to the Sun.	
Jupiter	The fifth planet from the Sun, the largest in the Solar System.	
Saturn	The sixth planet from the Sun and the second-largest in the Solar System, after Jupiter.	
Venus	The second planet from the Sun. It is sometimes called Earth's "twin" planet as it is almost as large and has a similar composition.	
Mars	The fourth planet from the Sun and the second-smallest planet in the solar system.	
Uranus	The seventh planet from the Sun. Its name is a reference to the Greek god of the sky.	
Neptune	The eighth planet from the Sun and the farthest known planet in the Solar System.	
Spherical	Like a sphere in being round, or more or less round. Apples are spherical, even though they're never perfectly round.	
Solar system	The gravitationally bound system of the Sun and the objects that orbit it. It formed 4.6 billion years ago.	
rotates	To move in a circle round an axis or centre.	
star	A star is any self-luminous celestial body of gas that shines by radiation from its internal energy sources. Our nearest star is the sun.	
orbits	An orbit is a regular, repeating path that one object in space takes around another one. An object in an orbit is called a satellite. A satellite can be natural, like Earth or the moon.	

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Fun Facts!

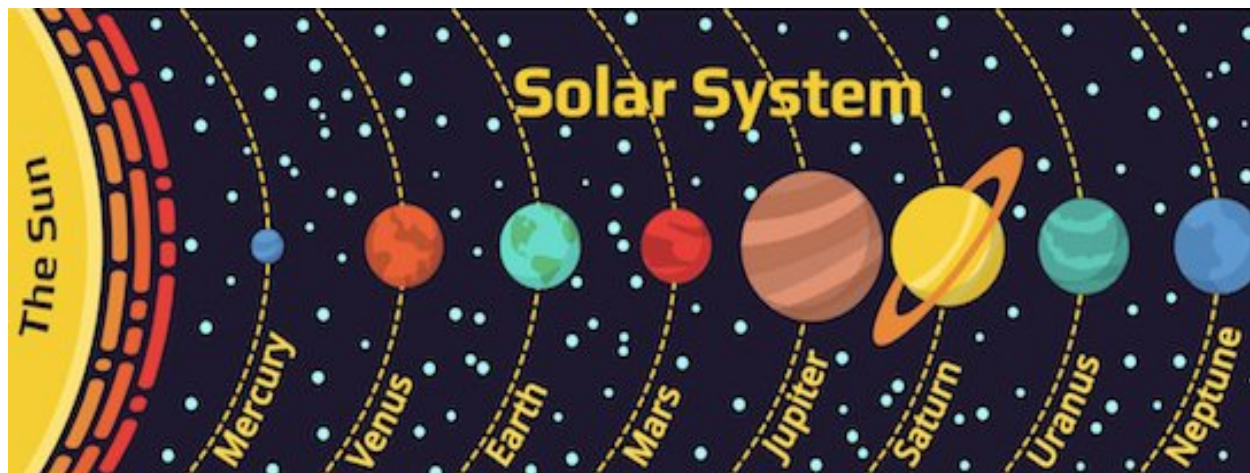


It appears to us that the **Sun** moves across the sky during the day but the **Sun** does not move at all. It seems to us that the **Sun** moves because of the movements of Earth.

Pluto used to be considered a **planet** but was reclassified as a dwarf **planet** in 2006.



The Solar System



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- **Mercury**
- **Venus**
- **Earth**
- **Mars**
- **Jupiter**
- **Saturn**
- **Uranus**
- **Neptune**

Mercury is the closest planet to the Sun.

Jupiter is the largest planet of the solar system.

Neptune is the furthest planet from the Sun.

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