

# Year 5: Autumn Term 2

## Key Driver: Sticky Knowledge

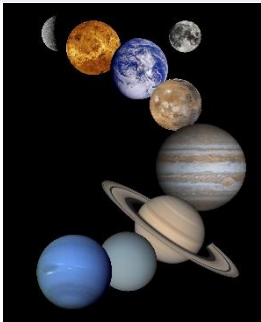


Order of the Solar System.

Describe the sun, moon and earth as spherical.

Recall facts about each planet.

Know about and explain the movement of the moon relative to the Earth.



## Secondary Drivers:

- I can recognise that connected digital devices can allow us to access shared files stored online.
- I can explain that the internet allows different media to be shared.
- I can compare working online with working offline

RSE: To understand the importance of respecting others, even when they're different from them.


PE. I can link actions and develop sequences of movements that express my own ideas.

Music: Can they compose music which meets specific criteria?

French: I can count to 20.



# Year 5: Earth and Space Knowledge Mat

Subject Specific Vocabulary			Sticky Knowledge about Earth and space	
<b>orbit</b>	An orbit is a repeating path that one celestial body takes around another.		<input type="checkbox"/> One million Earths could fit inside the sun – and the sun is considered an average-size star.	
<b>solar system</b>	The solar system is made of the eight planets that orbit our sun it is also made of asteroids, moons, comets and lots, lots more.		<input type="checkbox"/> An asteroid about the size of a car enters Earth's atmosphere roughly once a year – but it burns up before it reaches us.	
<b>astronomical</b>	Astronomy is the study of outer space focusing on celestial bodies such as stars, comets, planets, and galaxies.			
<b>planet</b>	There are 8 planets in our solar system, they are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.			
<b>rotation</b>	Rotation is when the shape is turned around a point.	<b>Important facts to know by the end of the Earth and space topic:</b> <ul style="list-style-type: none"> <li>• know about and explain the movement of the Earth and other planets relative to the Sun.</li> <li>• know about and explain the movement of the Moon relative to the Earth.</li> <li>• know and demonstrate how night and day are created.</li> <li>• describe the Sun, Earth and Moon (using the term spherical).</li> <li>• Know information about the planets.</li> <li>• Neil Armstrong was the first man to step on the moon.</li> </ul>	<input type="checkbox"/> Earth, is the third planet from the sun and the only world known to support an atmosphere with free oxygen, oceans of liquid water on the surface and life.	
<b>spherical</b>	Something spherical is like a sphere in being round, or <u>more or less round</u> , in three dimensions.			
<b>crescent moon</b>	It is a slither of the moon that is lit up and can be seen. It is less than half the moon.			
<b>gibbous moon</b>	The best way to describe a gibbous moon is that the moon is three-quart lit up.			
<b>eclipse</b>	An eclipse occurs when an astronomical object is temporarily obscured. A lunar eclipse is when the Earth moves between the sun and the moon, therefore blocking the sun's rays from striking the moon			
<b>lunar</b>	Is anything related to the moon.		<input type="checkbox"/> The sheer size of space makes it impossible to accurately predict just how many stars we have.	