

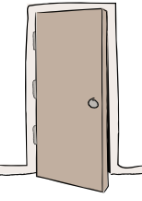


## Enquiry Question: Earth and Space: Could there be life on Mars?

<p>Window</p> 	<p>We will learn about planet Earth and the concept of day and night given the rotation on its axis and around the Sun. We will also learn about the other planets in the Solar System, their different orbits, moons and involvements of asteroids and meteors/meteorites in space.</p>	<p>Mirror</p> 	<p>Applying all our knowledge of Earth and space as well as all the other planets in the Solar System, we will reflect on the concept of whether there could in fact be life on Mars or whether humans could actually ever sufficiently live on another planet other than Earth...</p>	<p>Door</p> 	<p>We will visit Spaceport Cornwall for a workshop about the UK's first ever rocket launch back in 2023 as well as delving into the ever-evolving technology of satellites. The children will get the chance to explore how a pursuing a future career in STEAM could link to Earth and Space.</p>
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<b>PHSE</b>	<b>Art</b>	<b>Computing</b>	<b>DT</b>
<p>Relationships: We will explain how to stay safe when using technology to communicate with our friends, including how to stand up for ourselves, negotiate conflict and strategies to resist peer pressure in real or online situations. We will explore our feelings associated with different friendships as well as how to recognise when people are trying to gain power or control in different real-life situations.</p>	<p>Use of IT: We will learn how to scan a digital image and use software to alter and adapt them. Our scanned image will be used to create a piece of artwork which can be used as part of a wider presentation about the planets in the solar system.</p>	<p>Information Technology: We will explore how to use the online 3D software TinkerCAD to create our own concept rockets that could fly humans to Mars. Digital Literacy: In our weekly lessons with Mrs Askew, we will explore and learn about how to create a positive online reputation as well as the positive and negative impacts of sharing information online. We will learn how to create secure passwords as well as how to seek help if we ever experience online bullying.</p>	<p>Cooking and Nutrition: We will be exploring a range of techniques for cooking, such as: peeling, chopping, slicing, grating, mixing, spreading, kneading and baking. We will explore how following a recipe can be adapted and refined to change the appearance, taste, texture and aroma of a dish as well as how ratio of ingredients can be measured to scale a recipe's portions either up or down.</p>

### Tier 3 Vocabulary

celestial body, Earth, moon, orbit, planet, satellite, Solar System, space, spherical, star, Sun, gravity, astronaut, asteroid, meteor, meteorite, sound waves

### Subjects taught discretely

<b>Physical Education</b>	<b>Science</b>	<b>French</b>	<b>Religious Education</b>
<p>Net and Wall Games: We will explore how to play a wide variety of net/wall games this term (such as floor tennis, table tennis, volleyball and wall ball) to develop our special awareness on a court when playing a partner or opposition team. We will learn how to use a range of shots to use the entire playing area and how to change our play based on the positioning of an opponent.</p>	<p>Space: We will learn to describe the movement of the sun and the earth, explain why we have day and night, and explain why planets are spherical.</p>	<p>'Quel temp fait il?' We will be learning about the weather in French, culminating in the children recording a video of them presenting a weather forecast in French.</p>	<p>Creation &amp; Science – Conflict or Complimentary?: In this unit, we will find out about the importance of the creation within the 'Big Story' of the Bible. We will study Genesis 1 and find out about how different Christians may interpret this text in different ways. Following this, we will evaluate whether Genesis 1 is conflicting or complementary with what science says, unpicking whether there is room to find science and faith to be compatible with one another.</p>

