

All Saints Multi Academy Trust, Birmingham  
**Home Learning**

Year 5/6 Science Week 3		Monday	Tuesday	Wednesday	Thursday	Friday
<p style="text-align: center;"><b>Space</b></p> <p>45 – 60 minutes daily</p> <p><a href="https://teachers.thenational.academy/units/space-5857">https://teachers.thenational.academy/units/space-5857</a></p> <p>All written work should be completed in their pupil work book or a piece of paper. Worksheets are numbered by day and are available online or for collection from the school office. Work can be photographed and emailed for weekly feedback.</p> 	<b>Learning Objective</b>	<b>Lesson 1</b>  <u>LO: To identify and explain solar and lunar eclipses</u>	<b>Lesson 2</b>  <u>LO: To examine the solar system</u>	<b>Lesson 3</b>  <u>LO: To explain how the planets in the solar system differ</u>	<b>Lesson 4</b>  <u>LO: To identify and name stars and star constellations</u>	<b>Lesson 5</b>  <u>Lo: To investigate the universe and what it is made from</u>
	<b>Lesson Link</b>	<a href="https://classroom.thenational.academy/lessons/what-are-solar-and-lunar-eclipses-6nh3et">https://classroom.thenational.academy/lessons/what-are-solar-and-lunar-eclipses-6nh3et</a>	<a href="https://teachers.thenational.academy/lessons/what-is-the-solar-system-c5jk6r">https://teachers.thenational.academy/lessons/what-is-the-solar-system-c5jk6r</a>	<a href="https://teachers.thenational.academy/lessons/how-do-the-planets-in-the-solar-system-differ-69k6ar">https://teachers.thenational.academy/lessons/how-do-the-planets-in-the-solar-system-differ-69k6ar</a>	<a href="https://teachers.thenational.academy/lessons/what-are-stars-and-star-constellations-chjp6c">https://teachers.thenational.academy/lessons/what-are-stars-and-star-constellations-chjp6c</a>	<a href="https://classroom.thenational.academy/lessons/what-is-the-universe-and-what-is-it-made-from-c8uk8e">https://classroom.thenational.academy/lessons/what-is-the-universe-and-what-is-it-made-from-c8uk8e</a>
	<b>Lesson outline</b>	We will learn about the Sun, the Earth and the Moon. We will also learn about satellites, including natural and artificial satellites. We will discuss the lunar phases and finally we will learn about solar and lunar eclipses.	We will discuss what we can find in our solar system. We will also discuss what a planet, moon and space dust are. Finally, we will examine the differences between asteroids, meteoroids, meteors and meteorites.	We will learn about the eight different planets in our Solar System. We will have detailed discussions about Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. We will also have a chance to complete some application questions.	We will discuss how stars, including the Sun, were made. We will see how humans have investigated more about stars since the invention of telescopes. Finally, we will learn about constellations.	We will investigate what the universe is. We will also discuss galaxies, including the galaxy we are in the Milky Way. Finally, we will discuss and investigate the Big Bang Theory as an explanation for how the universe began.
	<b>Extra Notes</b>	Make notes of all new key vocabulary and facts. Draw a diagram of the lunar phases of the moon and label. Ensure that you use full sentences when answering any questions. Don't forget to complete the quiz!	Make notes throughout. Create a mind map, detailing what you already know about the sun.	Make notes on each of the eight planets and have a go at sketching what they look like. Answer all questions using full sentences. Make a note of the mnemonic to help you remember the order of the planets or have a go at creating your own.	Make notes throughout. Answer all questions using full sentences. Create a storyboard to show the stages of the Sun's life.	Make a note of all new key terms, including definitions. Make notes about how the universe started and the changes that occur, along with a diagram. Test your knowledge by completing the quiz!