



Class: Opal Date of project: Terms 1 and 2

More detail will be found on weekly newsletters

The project will have an Earth and Space exploration focus. We will begin by exploring our own planet and asking the question 'Why is Climate Change such an Urgent Issue?' We shall be inspiring our writing, learning that individual actions can make a difference, using relevant books. Alongside this we will be learning about the 'Hidden Figures – The True Story of Four Black Women and the Space Race' to learn more about those who contributed to the mission to the Moon and to explore racial discrimination. We will be reading 'Cosmic' by Frank Cottrell Boyce as well as 'The Giant and the Sea' (by Jamieson & Kai) and 'A Story Like the Wind (by Gill Lewis), thinking about space adventures and the challenges of life in space. There will be many different writing opportunities including a persuasive speech about climate change, instruction writing and narrative writing.

DT - Gears (creating the sequence of the moon orbiting Earth using gears and a gears toy).
Science – Forces, Earth and Space.

Art - Using the illustrations by Martin Impey from the book 'Where Once We Stood' as inspiration, we will be developing our drawing and printing skills to create pieces of artwork which depict the Moon landing.

RE – Why do some people think God exists? Exploring the different beliefs about how the solar system was created.

Music – Singing, listening and responding to music in the Motown style.

French – describing people, places and things.

PE – Dance, games and gymnastics

Maths – Place value and calculation methods; Addition and subtraction written methods.

Geography – Industry and climate change

Can we go everywhere?



Key dates:
Techniquet visit
Harvest at Church
Church performance
Star Gazing
Astrophysicist visit.

Significant texts:

The giant and the sea – Trent Jamieson & Rovina Kai.
A story like the wind – Gill Lewis
Hidden Figures – The True Story of Four Black Women and the Space Race by Margot Lee Shetterly
Where Once We Stood – Christopher Riley and Martin Impey
Cosmic: it's one giant leap to boykind – Frank Cotterel-Boyce.

Immersive environment:

- Lights on ceiling to give the impression of the stars.
- NASA rocket reading area
- Hanging planets
- Large mural of Earth or space cosmos

<p><u>Project launch:</u> Astrophysicist visit with workshops.</p>	<p>How do different forces affect movement on land and in water?</p> <p>What is climate change and why is it an issue for our planet?</p>	<p>How do different forces affect the movement of a rocket?</p> <p>Who won the 'Space Race' to the Moon and who helped make it possible?</p>	<p>How do things move in the solar system?</p> <p>How do people believe the solar system was created?</p>	<p>How can we use the movement of our bodies and voices to express an idea?</p>	<p>How can we create movement in art and DT?</p>	<p><u>Final outcome:</u> A trip to the Moon – sharing mini outcomes with parents and Star Gazing.</p>
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