



Year 5 Curriculum Information

English:

Reading: During our whole class reading session, we will read 'Cosmic' by Frank Cottrell Boyce.



Writing:

Poetry: Children will create their own space themed free verse poem based on '[Cosmic Disco](#)' by Grace Nichols.

Information Text: Using their 'green hats', children will create their own alien creature and alien home world and write an information text about them.

Fiction: As writers, we will create our own science fiction story based on the short film 'Luna' where the character has an ambition to become an astronaut.

Grammar: The year 5 grammar skills we will be learning are expanded noun phrases, figurative language, relative clauses, speech and model verbs.

Maths:

Addition and Subtraction - Money: We will introduce the children to conventions for expressing monetary value and explore the equivalence of 100p and £1. Using efficient methods for addition and subtraction, we will explore how to find change when purchasing several items uses the part-part-(part) - whole structure.

Negative Numbers: Children will interpret negative numbers in context, learning to solve problems through zero.

Four operations: Children will develop use formal methods of multiplication and division and then apply this within real life contexts and problems.

Please log on to Times Table Rock Stars to practise multiplication tables every week.



Our topic this half term is :

Third Rock From the Sun

Topic Overview:

This half term, we are going to be exploring our Solar System, the Earth and the moon. Using scientific enquiry skills, we will explore the solar system and the movement of the Earth and moon.



As historians, we will be exploring the impact of some of Britain's most influential scientists on space exploration.



During our art lessons, we will explore how we can use acrylic paint to create texture inspired by Vincent van Gogh's Starry Night.

As musicians, we will be learning how to use dynamics and tempo to create space themed compositions.

Some brilliant books to read:

- Chasing Space' (Amistad, 2017) By Leland Melvin
- Space Boy and His Dog by Diane Curtis Regan (2015)
- Life on Earth - and Beyond by Pamela S. Turner
- Hidden Figures by Margot Lee Shetterly

Useful Websites

[Passport to Space \(nationalgeographic.com\)](http://nationalgeographic.com)

[ESA - Space for Kids](#)

[Home | NASA Space Place - NASA Science for Kids](#)



I love this topic! What else could I do?

Create a model of the solar system.

Keep a moon diary, sketching the moon in the different phases.

Create a manual for future astronauts to survive in space.

Research a famous astronaut or space scientist.

Visit the science museum.

Take part in [Destination Space family show | Science Museum](#) (it's free)