



YEAR 5 CURRICULUM INFORMATION



English

Information texts - we will be using our topic as a stimulus to write an information text about planets within our solar system. Children will then use their 'green hats' to invent and write about their own planet!

Narrative Text– Science Fiction - Children will be writing their own science fiction stories based on the short film Luna.

Grammar - The year 5 grammar skills we will be learning includes:

- Modal verbs
- Conjunctions
- Verbs and tenses
- Uses brackets, dashes or commas for parenthesis
- Using relative clauses beginning with who, which, where, when, whose

Please discuss these grammatical features with your children when they are reading and encourage them to check their writing for common mistakes

Please log on to bug club to practise grammar and spelling every week.

Maths

Money: Children are going to be applying the previous knowledge of tenths and hundredths learnt in Autumn 1, to begin to understand money

Negative Numbers: Children will interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

Four operations: Children will develop fluency in using 'formal' methods of multiplication and division. Once the children are secure in the skill, these operations will be applied to real life contexts with the opportunities to practise with real life problems.

Our topic this half term is

Third Rock from the Sun

Topic Overview

This half term we are going to be exploring Earth and beyond by learning out- of- this-world facts about the solar system! Our topic, The Third Rock from the Sun, will teach us about different planets within our Solar System and link to our learning in English, Art and Design, Science and Music so our learning spans *to infinity and beyond!*

Useful Websites

- Passport to Space: <https://kids.nationalgeographic.com/space>
- European Space Agency—<https://www.esa.int/kids/en/learn>
- NASA Space Place—<https://spaceplace.nasa.gov/>

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



Our class novel:



Important dates!

[Please visit our website for important dates:](#)



I love this topic! What else can I do?

- **Art/English/Science**—Investigate the phases of the moon by keeping a moon diary and sketching the moon to track it's progress.
- **Art/D&T**—Use a shoe box (or other container) to create a model of our solar system or models of the sun, Earth and moon.
- **English**—Create a manual for future astronauts to survive in space. What should they expect? What do they need to help them? Do you have any top tips for them?
- **History**—Research famous astronauts and create a fact file all about their life and their experience of visiting space
- Visit the planetarium, science museum or an art gallery. There is a free Space Exhibition on at the Science Museum <https://www.sciencemuseum.org.uk/see-and-do/destination-space-family-show>