

In Literacy the children will:

- Focus on a range of different genres of writing: poetry, reports, myths and legends and narrative
- Develop a greater understanding on how their writing affects the reader
- Ensure each sentence in a paragraph is related to the main or central thought
- Develop character descriptions by commenting on thoughts and feelings
- Develop description of settings when writing about strange new planets and aliens.
- Use effective adverbs and adjectives along with adventurous vocabulary.
- Continue to develop confidence in use of punctuation (eg. inverted commas, capitalisation, commas to mark clauses)
- Proof read work for spelling, grammar and punctuation, enhancing their work where necessary
- Develop comprehension, reading together, analysing the text and answering questions based on the reading material. **Our class reader will be 'The Jamie Drake Equation' by Christopher Edge.**

In Religious Education the children will:

- Discuss whether Fame and the Christian faith go together.
- Look at the sequence of events leading up to the birth of Christ, empathising and expressing the emotions of the characters in the Christmas narrative
- Explore how art and music are conveyed at Christmas



In Science the children will:

- Find out facts about the solar system
- Explain day and night using the Earth's rotation
- Look at what a moon is, how they maintain an orbit around a planet and which planets in our solar system have them
- Find out the gravitational pull on Earth and how this differs
- Explore how craters are formed and why some planets have more than others
- Design an investigation to see what happens when objects of different sizes and weights are dropped from different heights
- Investigate the effect of insulation on the rate of cooling
- Plot results of experiments on a graph
- Raise awareness of different types of scientific questions, and hypotheses.
- Use relevant scientific language and illustrations to discuss, communicate and justify their scientific ideas



In Numeracy the children will:

- Count in multiples of 4,6,7,8,9 25, 50, 100, 1000
- Compare and order numbers up to 1000
- Identify, represent and estimate numbers using different representations
- Interpret negative numbers in context,
- Count forwards and backwards in steps of powers of 10
- Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction
- Solve problems using number facts, place value, and deciding which operation and methods are most appropriate
- Identify multiples and factors/ recognise and use square and cube numbers
- Solve simple measure and money problems involving fractions & decimals
- Recognise mixed numbers and improper fractions & convert
- Compare and classify geometric shapes
- Complete, read and interpret information in tables, graphs and timetables

In Computing the children will:

- Continue to use a range of search engines along with a range of software for presentation purposes
- Use an app to look at star constellations.
- Develop understanding of how to create and make sprites move using sequence, selection and repetition in programs; work with variables and various forms of input and output.

In Geography the children will:

- Use a range of aerial images of the Earth to identify geographical features such as countries, continents, volcanoes, rivers and impact craters.
- Refer to globes and maps to make their identifications.
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).

In music the children will:

Use musical vocabulary to explain some of the reasons why a piece of music might have been composed – listening to and studying the lyrics of Rocket Man by Elton John and Major Tom by David Bowie as well as The Planets by Gustav Holst. We will then attempt to write our own space lyrics and music.



In PHSE the children will:

- Review our goals: identify their strengths, their achievements, work through mistakes, make amends and set new personal goals.
- Continue to work on their Brilliant Learning Behaviour.

In Art the children will:

- Develop their mastery of art and design techniques and experiment with a range of materials
- Use pastels to create 'planets in space' artwork focussing on the shadow that appears on planets caused by the sun,
- Produce a block for printing phases of the moon

In DT the children will

- Design and make a satellite, rover or shuttle for a specific mission.
- Design and make an item for Christmas



In History the children will:

- Look at the history of Galileo Galilei, hailed as the "father" of modern observational astronomy
- Discover how Sir Isaac Newton's observations led to his theories on the universal force of gravity
- Discuss how a significant movement or individual has influenced the UK or wider world, eg. America's attitude to the 1960's Space Race

In Well-Being the children will be:

- Identifying and talking about theirs and others' feelings
- Developing a greater understanding of how feelings affect behaviours
- Working on strategies to manage feelings
- Developing an understanding of the link between mental and physical health

- **PE** will be on a Monday, where we will be focusing on our basket ball skills and on a Wednesday where we will be focusing on team skills in rounders.



Homework - All homework can be accessed on google classroom. Maths and Literacy homework is set on a Monday - due in on a Friday, unless specified otherwise. Weekly spellings, taken from the national curriculum are set on Mondays and tested the following Monday. Mental maths and multiplication tests are given where appropriate.

You can help your child by:

- Ensuring they are reading every day and given opportunities to talk about the stories or information books they have read - (Reading planet books need to be read weekly.)
- Allowing safe access to the internet to gather information about the solar system
- Using everyday opportunities to develop mental maths skills.
- Daily sessions on Rock Star Maths
- Learning weekly spelling patterns.