

Why do we have day and night?

How do the planets move around the Sun?

How do we know the Earth is a sphere?

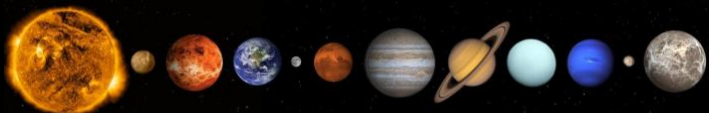
Why does the Sun move across the sky?

Why does the Moon seem to change shape?

How have our ideas about the solar system changed over time?

Why do we have day and night?

Who is Katherine Johnson?



This Term's Value is...

Creativity

Class Book

The Funniest Boy in the World

(Helen Rutter)



English

- Write effectively for a range of purposes and audiences.
- Use persuasive devices effectively.
- Use apostrophes to show possession (including plural possession) and contractions.
- Use modal verbs and adverbs to indicate possibility.
- Propose changes to vocabulary, grammar and punctuation to improve writing.
- Use the perfect form of present and past tense verbs to mark relationships of time and cause.
- Use commas to avoid ambiguity.
- Use colons, semi-colons and bullet points.
- Make comparisons within and across books.
- Participate in discussions about books they have read, building on their own and others' ideas.
- Draw inferences which are supported with evidence.

Maths

- Draw, read and interpret line graphs.
- Read and interpret tables, two-way tables and timetables.
- Understand and use degrees.
- Classify, estimate and measure angles.
- Identify regular and irregular polygons and 3-D shapes.
- Read and plot coordinates.
- Translate and reflect shapes and identify lines of symmetry.
- Apply my knowledge to reasoning and problem-solving questions.



Science – Earth and Space

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- To describe the Sun, Earth and Moon as approximately spherical bodies.
- To use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- To describe the movement of the Moon relative to the Earth.

Geography: Would you like to live in the desert?

- Summarise the characteristics of a desert biome.
- Locate and explore features of deserts.
- Describe the physical features of a desert environment.

History: Local History/ Ancient Civilisations

- What was life like at Gainsborough Old Hall?
- What jobs were needed to keep Gainsborough Old Hall running?
- How do ancient civilisations fit in with what I already know about history?

PSHE – Relationships

- Know who I am as a person in terms of my characteristics and personal qualities.
- Understand that belonging to an online community can have positive and negative consequences.
- Understand that there are rights and responsibilities in online community, social network and when playing games online.
- Recognise when I am spending too much time using devices.
- Explain how to stay safe when using technology to communicate with my friends.

PE

SWIMMING

- Swim competently over a distance of at least 25 metres.
- Use a range of strokes effectively.

ATHLETICS

- Improve running technique.
- Know how exercise affects health and fitness.
- Throw accurately.

Art – Architecture: Dream Big or Small?

- Explore different types of architecture.
- Make larger drawings working from still imagery, using various drawing techniques.
- Explore how line, form, structure, material and scale are all used to make architecture interesting, and help the designer meet the brief.

D&T: Making a pop-up book.

- Give examples of machines that use gears and/ or pulleys and describe how they work.
- Design and make a gear and pulley system.

RE – Inspirational Women

- Learn how women have contributed to different communities.
- Understand how conflict within and between communities, as well as misogynist attitudes, impact upon women.
- Recognise how women's strong beliefs led to actions and the way that these led to change.
- Learn how experiences such as visions have inspired women and how the sacred can be in both male AND female forms.
- Understand how and why some religions interpret sacred texts in a way which excludes or limits women.

French: What's The Weather Like?

- Learn how to recognise, recall and spell 10 different phrases for describing the weather.
- Learn the 4 compass points and temperature.
- Learn the days of the week and times of the day.

Computing: Programming - Music

- Tinker with Scratch music elements.
- Create a program that plays music from a given genre.

Music : South and West Africa

- Sing a traditional African song accompanied.
- Use tuned percussion to play a chord progression.
- Use vocal or tuned percussion to perform a piece of music as an ensemble.