

## Why do we have day and night?

How do the planets move around the Sun?

How do we know the Earth is a sphere?

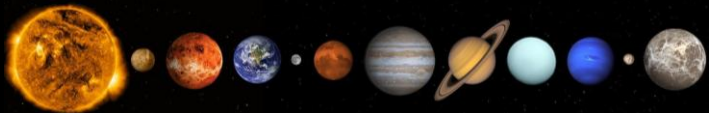
Why does the Sun move across the sky?

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?

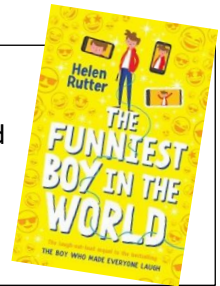


This Term's Value is...

**Creativity**

**Class Book**

The Funniest Boy in the World  
(Helen Rutter)



### English

- Write effectively for a range of purposes and audiences.
- In narratives, describe settings and characters effectively.
- Integrate dialogue in narratives to convey character and advance the action.
- 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.
- Link ideas across paragraphs using adverbials of time.
- Apply the use of inverted commas for direct speech across a range of writing, including using direct speech to move a narrative forwards.
- 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.
- Summarise the main ideas drawn from more than one paragraph.

### 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.

- Design a pop-up book.
- Follow my design brief to make my pop-up book.

### RE – Hinduism

#### Do beliefs in Karma, Samsara and Moksha help Hindus lead good lives?

- Explain what consequences might come from actions I could take.
- Explain the Hindu belief in Karma and Reincarnation and different types of Dharma, and how belief in Karma could help Hindus to live good lives.
- Explain how some Hindus choose to live a good life because of their beliefs.
- Express my views on life after death and how these views make a difference to how I live my life.
- Create a piece of art explaining how my beliefs may help me in leading a good life.

### French: Habitats

- Introduction to 5 basic elements that plants and animals need to survive a habitat.
- Introduction to 5 different habitats.
- Which plants and animals grow in each habitat.

### Computing: Search engines.

- Understand what a search engine is and how to use it.
- Be aware that not everything online is true.
- Search effectively.

### 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.