



Beech Class
Mr Brown
Curriculum Information
Summer 2023

PE

Both our sessions will be outdoor PE this term. On Thursdays the children will be led by JS Sports and then on Fridays the class will be led by myself. Between us we will teach striking and fielding skills through rounders and cricket, athletics and swimming. The children will also experience deep water swimming sessions at the Leys.

Maths

Position and direction

- Describe positions on the full coordinate grid (all four quadrants)
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Properties of shape

- Understanding properties of circles.
- Measuring angles with a protractor.
- Calculating angles.
- Finding vertically opposite angles.
- Calculating angles in triangles, quadrilaterals and polygons.
- Drawing shapes accurately.
- Drawing nets of 3D shapes.

Statistics

- Reading, interpreting and drawing line graphs and using data presented on these to answer questions.
- Reading, interpreting and drawing pie charts and using data (sometimes expressed as percentages) on these to answer questions.
- Understanding and calculating the mean.

Post-SATs

- Further investigations
- Enterprise week

Topic

Through our topic sessions the children will learn about:

- What are the types of forests that exist in the world and how are they similar and different?
- Where are the rainforests located across the world?
- What is the climate like in the rainforest?
- What are the layers of the rainforest and how are they unique?
- What is life like in the Amazon rainforest?
- How does the Amazonian city of Manaus compare with Cambridge?
- How are rainforests changing and what are is being done to protect them?

Personal and Social Development

PSHE

- Managing Risks and Safety Contexts
- Sex and Relationships Education
- Healthy lifestyles
- Transitions

RE

- Humanism and Islam – Beliefs and Moral Values

English

The class will read the book 'The Explorer' by Katherine Rundell and other stories set in Rainforests to help inspire our writing. We will also use a range of non-fiction texts and read poems to capture the children's interests. The children will engage in a wide range of writing genres such as narratives, character and setting descriptions, explanations, recounts in the form of diaries, informal letters or autobiographies, formal report writing or letters, persuasive writing, balanced arguments and poetry. Throughout the term we will rehearse grammatical skills, generate more challenging spellings, encourage exciting vocabulary choices, continue to develop editing skills and promote a legible and fluent handwriting style.

This term's topic is: South America - Rainforests



Science

We will learn about Light where we shall recognise that light appears to travel in straight lines; use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye; explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes and use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. After half term we will begin our Animals including humans topic where the children will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood; recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function and describe the ways in which nutrients and water are transported within animals. including humans.

Creative development

In Computing we will complete programming tasks using Python and then design a product, create a website create and edit a video and advertise the product.

In DT we will design, make and evaluate our own simple poncho.

In In Art the children will complete observational drawings and paintings influenced by the rainforest using work inspired by Henri Rousseau.

In Music the children will compose music that reflects work done on Samba and percussive music.