

Year 4 Autumn 2



Barnet Hill Academy
FAITH • EXCELLENCE • KNOWLEDGE

ENGLISH

As **Writers**, we will be focusing on 'Formal Letters' where children will be exploring the different features and writing techniques of a formal letter as well as writing their own formal letter to a significant person. Next, they will transition to 'Stories set in Imaginary Worlds' where they will explore different books with imaginary backgrounds and the different language techniques used, and initially the children will write their own story which will relate to their own imagination/fantasy. Finally, they will begin exploring 'non-chronological reports - Leaflets' and identify the different language and writing techniques used in order to produce a final product of their own leaflet, using examples of different leaflets too.

MATHS

As **Mathematicians**, we will be exploring 'Multiplication and Division as well as Area', where children will be able to understand the inverse of multiplication and division and how it can also link to addition and subtraction. Also, children should be able to indicate how to mentally practice their multiplication and how it correlates with division sums.

SCIENCE

As **Scientists**, we will be investigating 'Habitats and Deforestation' where children will identify and explore the different animal and plant groupings more into depth as well as the human impact it has on habitats. In regards to deforestation, children will understand this term by learning about the Amazon Rainforest and how it links to deforestation, and they will also understand what the impact of deforestation has on habitats. Therefore, both topics interlinking each other for children to gain a better understanding.

ISLAMIC STUDIES

As Theologians,

Geography

As for **Geography**, this term, children will explore biomes, focusing on the Amazon rainforest. They will learn about its location, key features, and the four layers of tropical rainforests. They will study how trees, plants, and indigenous peoples adapt to the environment, and understand the importance of the Amazon, its changes, and human impact. Children will also collect and analyse data and explore ways to protect the rainforest. Additionally, they will investigate local woodlands, summarizing how these areas are used and suggesting improvements.

PSHE

As **Global Citizens**, we will be learning about '**Growing and changing, keeping safe**'. children will learn about the importance of legal age restrictions and the rapid spread of information online, along with the associated risks. They will practice assessing and providing first aid for an asthma attack. Additionally, they will explore the differences between private and public information, as well as secrets and surprises. Children will learn how search engines work and evaluate the usefulness of information. They will also understand the physical changes they are experiencing and will go through as they grow, and they will learn about the risks of smoking and the benefits of being a non-smoker.

Design and Technology (DT)

As **Designers**, our topic is '**Making a Slingshot Car**', where children will, through designing and building a slingshot car, will learn to create a functioning chassis and shape it to reduce air resistance. They will design panels that fit and assemble them using tabs, ensuring accuracy. After constructing the car body, they will conduct trials, assess performance, and suggest improvements. This project develops problem-solving, design, and practical skills.

COMPUTERS

As **Computer Scientists**, our topic is '**Creating Media – Audio production**', where children will develop their understanding of digital sound, including identifying input and output devices like microphones and speakers or headphones. They will explore copyright laws related to digital audio and understand the importance of respecting ownership. Using Audacity, they will record, edit, and produce a podcast, working with multiple tracks and learning to save their work. Finally, they will evaluate their projects and provide feedback to peers.

PHYSICAL EDUCATION

As **Athletes**, our topic is '**Gymnastics**', where the children will be delivering different games related to gymnastics and explore the rules of a variety of games in order to evaluate their own and others' performance with support.