

# Year 4 Spring 2



Barnet Hill Academy  
FAITH • EXCELLENCE • KNOWLEDGE

## ENGLISH

As Writers, we will be focusing on '**Stories from other cultures**' where children will be exploring the different features and writing techniques of such stories which would relate to 'Journey to Joeburg', the book we will also be focusing on during our reading lessons. Next, they will transition to '**Playscripts**' where they will explore different playscripts by different artists, and the different language techniques used, and initially the children will write their own playscript. Finally, they will begin exploring '**Performance Poetry**' and identify the different body language and skills used in order to create effective emotions and speech when writing their own poem to perform.

## MATHS

As **Mathematicians**, we will be continuing '**Fractions**' and moving on to '**Decimals**', where children will be able to go more into depth of understanding how to add and subtract fractions and recognise equivalent fractions. Also, children will learn how to recognise and write decimal equivalents of any number of tenths or hundredths and compare numbers with the same number of decimal places up to 2 decimal places.

## SCIENCE

As **Scientists**, we will be investigating '**Sound and Vibration**' where children will explore **sound** through a series of practical and investigative lessons. They will learn that sounds are made by vibrations, travel as sound waves through different mediums (including air and water), and can be heard differently depending on the material they pass through. They will also learn how insulating materials can be used to muffle sound. Working scientifically, pupils will observe how different instruments make sounds, research how whales and dolphins communicate underwater, present findings using bar charts, design simple results tables, suggest appropriate variables to measure and for how long, and identify when results do not match predictions.

## ISLAMIC STUDIES

As Theologians, we will be learning about the major signs which will appear before the day of Judgement. We will also recognise and highlight actions we can do to prepare ourselves before the coming of the signs.

## Geography

As for **Geography**, this term, children will explore '**Where food comes from**'. The children will identify how different foods grow in various biomes and their environmental impact. They will explore ways to reduce food production's negative effects and trade responsibly, as well as assess the benefits and drawbacks of food imports. Finally, they will trace the journey of a cocoa bean and use maps to locate countries and measure distances, then, gather and analyse interview data to identify trends and answer key questions.

## PSHE

As **Global Citizens**, we will be continuing to learn about '**Family and Relationships**'. Children will develop an understanding of courtesy, manners, and the importance of setting physical and emotional boundaries in friendships. They will explore how their behavior impacts others, understand the effects of bullying, and recognize the role of bystanders in creating a supportive environment. Through discussions, they will examine stereotypes in fictional characters, how these influence perceptions, and how stereotypes relate to various factors. Additionally, through this, the children will understand the Islamic perspective on these topics.

## DT

As **Designers**, our topic is '**Making a Slingshot Car**', where children will, independently design and construct a functional car chassis with an aerodynamic shape to reduce air resistance. They will create well-fitted panels with effective tabs for assembly and ensure the car body is stable and accurately built. Finally, they will conduct trials to evaluate performance, analyse results, and suggest improvements for optimisation.

## COMPUTING

As Computer Scientists, our topic is '**Audio Production**', where children will identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally. Learners will discuss the ownership of digital audio and the copyright implications of duplicating the work of others. In order to record audio themselves, learners will use Audacity to produce a podcast, which will include editing their work, adding multiple tracks, and opening and saving the audio files. Finally, learners will evaluate their work and give feedback to their peers.

## PHYSICAL EDUCATION

As **Athletes**, our topic is '**Strike and Field**', where the children will be developing their skills in **strike and field** games. These games involve hitting a ball with a bat or hand (striking) and working as a team to catch, stop, and return the ball (fielding). Children will take part in activities such as **rounders and cricket**, learning key skills like **battling, bowling, catching, and throwing**. They will also focus on teamwork, strategic thinking, and understanding the rules of the game. Through fun and engaging sessions, they will improve their coordination, reaction time, and ability to work effectively as a team.