

Year 5 Summer 2



Barnet Hill Academy
FAITH • EXCELLENCE • KNOWLEDGE

ENGLISH

As **Writers**, we will focus on **newspaper reports**, learning how to include facts and clear structure. Then, we will explore **persuasive texts**, using strong arguments to convince readers through creating leaflets, focusing on clear, attractive information and persuasive language. Finally, we will write **discussion texts**, presenting balanced viewpoints and formal language.

As **Readers**, we will analyse text from 'Tom's Midnight Garden' from these genres each week, exploring vocabulary, features, and how language is used to inform, persuade, and discuss.

ISLAMIC STUDIES

As **Theologians**, we will be learning about the Holy Books of each of the six major religions of the world – Islam, Christianity, Judaism, Hinduism, Sikhism and Buddhism

DT

As **designers**, we will explore where food comes from and how it's prepared. We'll trace the journey of ingredients like beef, discover and plan our own creative bolognese recipes, and learn how to make them healthier. We'll also build practical cooking skills, design our own food labels, and finally cook and present our very own bolognese dishes.

MATHS

As **Mathematicians**, we will be focusing on three topics: **negative numbers, converting units, and volume**. For **negative numbers**, we will learn to identify, compare, and calculate with numbers below zero in different contexts. In **converting units**, we will practise changing between metric measurements such as length, mass, and time, using multiplication and division. Finally, we will explore **volume**, learning to measure, calculate, and compare the capacity of different shapes using cubic units.

GEOGRAPHY

As **Geographers**, we will focus on our learning question: **Would you like to live in the desert?** We will be exploring the characteristics of desert biomes, including their location, climate, and unique plants and animals. We will investigate the physical features of deserts such as Death Valley and the Mojave Desert, and compare temperatures across different deserts. We will also consider the environmental threats deserts face and how human activity impacts these fragile environments. Finally, we will compare deserts with other biomes to understand why some places are more hospitable than others.

COMPUTERS

As **Computer Scientists**, we will focus on **How to create vector drawings**. We will learn how to use different drawing tools to help them create images and recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. We will also explore how to layer my objects and begin grouping and duplicating them to support the creation of more complex pieces of work. This unit is planned using the Google Drawings app, other alternative pieces of software are available.

SCIENCE

As **Scientists**, we will be focusing on the topic **Living things: Life cycles and reproduction**. We will describe the life cycle of a plant, including the reproductive stage, and observe and compare parts of different flowers. We will also learn about the life cycle of mammals and research various mammal life cycles. Additionally, we will describe the life cycle of birds, compare it with mammals, and pose questions about bird life cycles. We will explore amphibian life cycles, suggesting how temperature may affect egg hatching, and compare insect life cycles with amphibians. Finally, we will learn about asexual reproduction in plants and represent root growth over time on a line graph. We will then move on to the topic of **Animals: Human Timeline**. We will learn how humans grow and change from babies to old age and compare how different animals develop by looking at gestation periods. We will also work scientifically by using line and scatter graphs to track growth patterns, predict height, and compare data between humans and animals.

PSHE

As **Global Citizens**, we will investigate helpful strategies to express ourselves in economic wellbeing. We will learn to priorities our needs over want by managing a weekly budget. This will also help us understand the responsibilities and consequences that come with money such as borrowing and loaning. We will aim to recognise the risks and considerations associated with spending money online. We will learn to explain why workplaces stereotyping needs to be challenged and we will describe how interest and skills align with future careers.

PHYSICAL EDUCATION

As **Athletes**, we will explore the principals and skills of **Outdoor Adventure**. We will build an understanding on how to work as part of a team to complete a range of challenges, working effectively with others to complete challenges and using a range of different methods to communicate effectively. We will also demonstrate agility and endurance in a range of situations by pacing ourselves when running for continuous periods, to suit the activity and distance. We will learnt to change direction gracefully, quickly and effectively, performing different movements with coordination and control in evert activity. We will develop our understanding on what orienteering is and increase our knowledge on understanding why agility and endurance is important for this and other sports. We will learn what a compass is and how to use it.