

Year 5 Summer 1



Barnet Hill Academy
FAITH • EXCELLENCE • KNOWLEDGE

ENGLISH

As **Writers**, we will be focusing on **Myths and legends**, identifying the traditional stories told about a particular person or place and working on storytelling and character development. We will then move on to **Free verse poetry**, where we will create our own free verse poem based on the features we would have discovered. Finally, we will then move on to **Non-chronological report**, where we will create our own report based on the features we have discovered, ensuring to provide facts and evidence and making sure to write in non-chronological order.

As **Readers**, we will be analysing the text '**Skellig**'. Each week we will be exploring vocabulary and features, practising our fluency, extending our reading skills, and exploring the themes and characters.

MATHS

As **Mathematicians**, we will be focusing on three topics: **Shapes, Position and Direction** and **Decimal**. For shapes, we will understand and use degrees, classify, estimate angles, and measure angles up to 180°. We will learn to draw lines and angles accurately, calculating angles around a point, on a straight line and in shapes. For position and direction, we will read and plot coordinates and answer problem solving questions associated with coordinates. We then will translate coordinates and move on to lines of symmetry and reflection in horizontal and vertical lines. Finally wrapping the term up with decimals, where we will use known facts to add and subtract decimals within, across 1, with the same and different numbers of decimal places. We then will use efficient strategies for adding and subtracting decimals, completing decimal sequences, and recapping on our prior knowledge of multiplying and dividing by 10, 100 and 1,000 and missing values.

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.

ISLAMIC STUDIES

As **Theologians**, we will be studying the stories of the Prophets Musa & Esa (a.s) and deriving lessons from their lives which we can implement in our lives.

HISTORY

As **Historians**, we will focus on our learning question: **What was life like during the early Islamic civilization in Baghdad?** We will learn in detail about the significance and importance of Baghdad in helping to build and shape this early civilisation and examine how and why it developed into such a major world power. In addition to this they will find out about the House of Wisdom and some of the influential people who worked and studied there. They will study in detail about how early Islamic doctors made significant contributions to the development of medicine and surgery and how their work still influences the medical profession today. The children will also have the opportunity to learn about other significant discoveries and inventions made by Muslim scholars in the early Islamic civilisation and to explore how items were made and where and how they were traded with the rest of the world. One lesson will focus on the birth of Islam and the first four caliphs who ruled following the death of the prophet Muhammad (SAW).

PSHE

As **Global Citizens**, we will focus on the topic **citizenship**, where we will investigate and understand what happens when someone breaks the law. We will then develop our understanding on what rights are and that freedom of expression is one of these rights. We will then focus on how reducing the use of materials and energy helps the environment, and what individuals can do to support this. We will then increase our understanding on how people contribute to society and how this is recognised. We will then build understanding on the role of pressure groups. Finally concluding the topic with understanding the basics of how the parliament works including the essential parts of the parliament.

ART

As **Artists**, we will focus on **Architecture** where we should be able to sketch a house from first-hand or second-hand observation using basic shapes to place key features and form the composition, measuring to work out proportions and notice small details to incorporate into the drawing by observing. We will select a section of my drawing to create an interesting composition, with a variety of patterns, lines and texture. We will follow steps to create a print with clear lines, with some smudging and purposefully evaluate my work, demonstrating what went well and what could be improved. We will create a building design based on a theme or set purpose and draw a plan view or front elevation of my building, annotating the key features. I should be able to discuss Hundertwasser's work and recognise his style, creating a factual presentation about Hundertwasser in a visually pleasing way, showing understanding of what a monument is for.

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.

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 learn 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.