

Year 5 Toor Spring 1



Barnet Hill Academy
FAITH · EXCELLENCE · KNOWLEDGE

ENGLISH

As **Writers**, we will begin by focusing on **Recounts exploring Biographies and Autobiographies** to understand how personal experiences and significant events can be crafts into engaging narratives. Next, we will dive into **Playscripts**, using **drama and roleplay** and we will be writing our own scripts and experimenting with dialogue and stage directions. As **Readers**, we will be analyzing the text *Beetle Boy*. Each week, we will delve into its rich vocabulary and features, practicing fluency, deepen our reading comprehension skills, and explore the themes and characters

MATHS

As **Mathematicians**, we will be focusing on **Multiplication and Division**. We will learn how to work out multiplication calculations of a 2-digit number by a 2-digit number, which will then gradually increase to 3 then 4. We will also learn the method short division, where we will divide a 4-digit number by a 1-digit number and then will learn how to divide with remainders. Moving on to our next topic **Fractions**, we will move on to multiplying a mixed number by an integer and then will calculate a fraction of a quantity and Fractions of an amount.

SCIENCE

As **Scientists**, we will learn about **Properties of Material**. First, we will test everyday materials and group them based on their transparency, hardness, magnetism and electrical conductivity; we will then link the properties of materials to their uses. We will carry out a variety of tests to explore electrical and thermal conductivity as well as hardness, transparency and magnetism. We will then move on to focusing on three common materials, plastic, wood and metal, identifying that some materials should be considered to make a justified decision on which material is best for a use.

ISLAMIC STUDIES

As **Theologians**, we will learn about the **Treaty of Huddaibiyah** and how it led to the spread of Islam across Arabia and the compassion shown by the prophet Muhammad (s.a.w) at the conquest of Makkah. We will study the final sermon of the Prophet (s.a.w) and how it is relevant in today's world. We will conclude by learning about the demise of the Prophet (s.a.w) and the impact it left on his companions.

HISTORY

As **Historians**, we will focus on our learning questions: **What did the Greeks ever for us?** We will consider the features of ancient Greece and will identify the key periods in the ancient Greek civilization. We will make inferences about Greek gods by carrying out research and will compare Athens and Sparta by understanding the different types of democracy and explaining how Athenian democracy worked. We will also explain what philosophy is and identify the achievements of the ancient Greek philosophers and the impact the ancient Greeks' legacies had.

PSHE

As **Global Citizens**, we will be focusing on **Family Relationship and Friendships**. We will build an understanding on how to form and maintain positive relationships, exploring the ups and downs of friendships and how important friendships are in making us feel happy and secure. We then will begin to understand that family relationships can sometimes make us feel unhappy and what we should do if this happens. Moreover, we will look at different types of families and what non-conventional families are.

ART AND DESIGN

As **Artists**, we will apply our understanding of how to strengthen, identify and compare features of **Art Installations**. We will be learning about the features of installation art and how it can communicate a message; exploring the work of Cai Guo-Qiang and discovering how our life experiences can inspire our art; investigating how scale, location and interactive elements affect the way visitors experience installation art.

COMPUTING

As **Computer Scientists**, we will focus on physical computing where we will explore the concept of selection in programming through the use of the Crumble programming environment. We will learn how to connect and program it to control components (including output devices- LEDs and motors) and will be introduced to controlled the flow of actions in a program by using our knowledge of repetition and conditions when introduced to the concept of selection. We will design and make a working model of a fairground carousel that will demonstrate their understanding of how the microcontroller and its components are connected.

PHYSICAL EDUCATION

As **Athletes**, we will explore the principals and skills of Net Games. We will build an understanding on the important of warming up and cooling down. We will learn how to hit a bowled balls over longer distances, by using good hand-eye coordination to be able to direct a ball when striking or hitting. We then will develop and consolidate different ways of throwing and catching and choosing the best tactics for attacking and defnding. We will learn how device and adapt rules to create and make sure the game is fair.