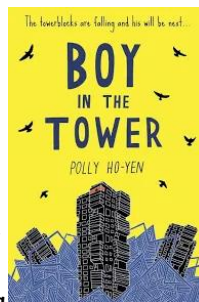


English

We will read *The Boy in the Tower* by Polly Yo-Hen and use it as inspiration to create our own mystery and suspense narratives. Through this, we will learn to describe settings, characters, and atmosphere, integrate dialogue effectively, and use it to convey character and advance the action. We will continue to develop skills such as structure, punctuation, and effective editing.



Following this, we will study biography and create writing inspired by *Survivors: Extraordinary Tales from the Wild and Beyond*. Our focus in Spelling and Grammar will be on preparing for the upcoming SATs. We will revise key concepts and work on test-style questions. We will also continue with Guided Reading, exploring a range of texts to develop comprehension and critical thinking. Our class novel, *Wonder* by R.J. Palacio.

Science

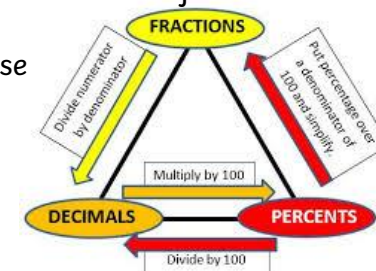
Our science unit for this term is 'Evolution and Inheritance'. We will explore how scientists know that living things have changed over time and investigate which organisms inhabited the Earth millions of years ago. We will also focus on how animals and plants have adapted to suit their environments in different ways, examining the specific traits that help them survive and thrive. Additionally, we will consider how these adaptations can, over many generations, lead to evolution.



Maths

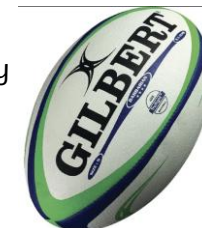
This term, we will continue to build our understanding of ratio before moving on to algebra. We will begin with the familiar concept of function machines and then progress to forming expressions, substitution, working with formulae, and solving equations. Our knowledge of fractions will support children in understanding the links to decimals and percentages, which we will then apply to problem-solving.

Daily arithmetic tasks and reasoning questions will reinforce the concepts learned in the Autumn term, helping to secure understanding and increase fluency in key mathematical skills.



P.E

This half term, PE will be taught by Key Sports coaches. They will be teaching tag rugby for the first 3 weeks where they will focus on tactics and passing skills. After that, we will learn about travel, defence, speed and space in football.



Computing

We will start the term looking at impacts of sharing information online. We will then move on to our topic for this term, Python. The children will be testing and changing their program and learn to include nested loops and explain what the loops do. They will use Python commands, decompose the program into an algorithm and modify a program to personalise it.

French

In our French lessons this term we will be learning vocabulary about houses and rooms. We will link this to our knowledge of family and colour to describe elements of our house. We will also work on using prepositions accurately within sentences.



Music

The children will continue to work on their understanding of the parts of the brass musical instrument they are learning. They will learn the correct posture and embouchure for playing the trumpet. They will play simple melodies on the trumpet and will collaborate with peers to perform a short piece as a small ensemble.



History

We will examine the story of 19th century industrial Manchester told through the life of Abel Heywood, who first arrived in the slums of Manchester in 1819 and rose to oversee numerous city improvements become mayor and build the new town hall. This will help us to review the recurring characteristics of cities beginning with ancient Mesopotamia (revisited from Year 3).

Art

We will study the work of the late Louise Gardiner to gain an understanding of how textile artists also create portrait pieces using other mediums. Our final piece will be an applique patch with attached fabric and beads by stitching.

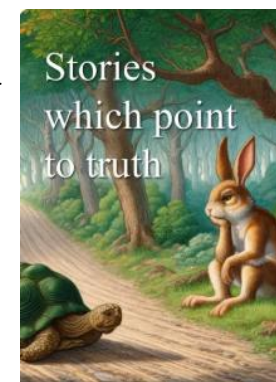


PSHCE

We will spend the term thinking about the children's understanding of money, including currencies and trade. We will learn about earning money and how this can help support the wider community. This will include planned spending, saving, risk taking and debt and who can help when we need it.

R.E

We will study a series of stories which connect with our wide reference points in Religion, History and Geography which have a philosophical or moral framework, rather than a theistic one. For example, Aesop's fables (from sixth-century Greece). This is an introduction to non-religious world views such as Humanism.



Geography

This term we will review and extend our knowledge of cities in the UK, focusing on past, present and future changes. We will ask geographical questions such as: Where is Birmingham? How has it changed in the past? We will investigate the growth and development of the city, its industry, migration patterns, deindustrialization and redevelopment. We will research how is it changing now and current issues such as links to UN sustainable development goals and climate change. Using this information, we will consider possible, probable, and preferable futures for the city.

D.T

We are going to be creating five apparatus designs in order to create three different structures. We will secure the apparatus to a base and design the landscape features to enhance the design. The children will think about what materials and tools will best suit their project.