

## Curriculum Overview Year 6: Autumn

All children should be reading every day.

### General reminders:

Please remember that home learning needs to be returned on a Tuesday. New home learning will be on the website a Friday. Reading records and books should be brought to school every day. PE is on Monday and Tuesday. The children need to have their PE kits in school and take them home every half term.

### Maths

We will begin by studying place value in numbers to ten million before moving on to the four operations— addition, subtraction, multiplication and division and using these skills for reasoning and problem solving.

We will also practice arithmetic regularly to hone our skills.

### English

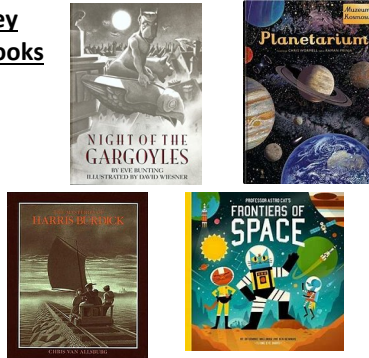
We will be writing a narrative to entertain by exploring the books, *Night of the Gargoyles* and *The Mysteries of Harris Burdick*. By exploring these texts we will learn techniques to create and build mood and atmosphere.

Later in the term, we will use *Planetarium* and *Professor Astro Cat's Frontiers of Space* to produce a non-chronological report to inform. In this unit we will be building on our non-fiction vocabulary and exploring different sentence structures.

### Geography

We will be investigation why certain parts of the world are more populated than others. We will explore birth and death rates, and discuss social, economic and environmental push and pull factors. We will be able to compare what we learn with the population in Britain and its impact.

### Key books



### Science

This term we will be learning about classifying living things. We will broaden our knowledge of vertebrates, invertebrates, plants and micro-organisms and look at how they are grouped and named. We will use classification keys to sort and identify different organisms.

### Art

We will be developing our photography skills and using a range of techniques to edit and manipulating images.

### History

We will be learning about the information the census gives about people and make inferences about people from the past. We will explore Victorian working conditions and the thoughts and feelings of children.

### Music

*Fingal's Cave* by Mendelssohn  
We will be exploring how the dynamics, pitch and texture are used in this piece of music and developing our listening, improvisation and composition skills. We will then look at the use of music in films.

### RE

Is pilgrimage worth it?  
We will be exploring the theme of journeys. We will think about the significance of pilgrimages for some Christians. We will explore why the Hajj is so important to most Muslims and its impact.

### PSHE

We will be thinking about our own goals and worries for the future. We will explore how there are universal rights for children but for many children these rights are not met. Following this we will better learn how to celebrate our differences.

### Computing

We will be understanding about the use of big data including barcodes, QR codes, infrared, and RFID technologies. We will create and scan our own QR codes and manipulate real-time data in spreadsheets, presenting our own findings. We will then move on to Exploring AI.

### DT

We will be using and applying a combination of textiles skills. to design, assemble and decorate a waistcoat

### PE

Autumn 1: Athletics  
Autumn 2: Net/ wall activities

### Spanish

Unit 1: Clothes in Spanish  
Unit 2: School life in Spanish