

## **English:**

### **Magazine: Information Text Hybrid**

Children will read texts that are structured in different ways for a range of purposes. Children will use organisation and presentational devices e.g. headings, sub headings, bullet points, diagrams, text boxes.

Children will assess the effectiveness of their own and others' writing in relation to audience and purpose.

### **Novel as a Theme—Inventors and Inventions**

Children will explore themes within and across texts e.g. loss, heroism, friendship. Children will make comparisons within a text e.g. characters' viewpoints of the same events.

They will read books that are structured in different ways for a range of purposes.

Children will explore the meaning of words in context.

## **Maths:**

### **Children will learn to:**

Read and write decimals.

Compare decimals.

Write fractions as decimals.

Add and subtract decimals.

Round decimals.

Compare fractions, decimals and percentages; to convert fractions to decimals and percentages.

Convert values of an amount into percentages; to convert fractions into percentages.

Know the names and qualities of acute, right, obtuse and reflex angles.

Draw, measure and add angles using a protractor.

Investigate the angles of quadrilaterals, including squares and rectangles.

Use an understanding of angles to solve problems.

## **Science: Forces - Friction, Gravity, Air Resistance, Water Resistance**

Children will learn that there are different types of forces.

They will explore the force of gravity and understand that gravity can act without direct contact between an object and the Earth.

Children will investigate how the forces of friction, air resistance and water resistance can be both useful and unwanted.

## **Music: Rap Music**

Children will learn about the rap genre.

They will practise and perform the song "The Fresh Prince of Bel Air".

Children will also learn how to improvise.

## **PHSE: Rights and Responsibilities**

Children will learn about their own health and wellbeing. They will then explore rights, responsibilities and duties and learn about personal finance and the local council.

**Spellings:** Monday, test next Monday

**Homework:** Friday, due next Friday

**Read at home** for between 15 and 20 minutes every day.

**Year 5**  
**Spring 2**

## **Geography - Would you like to live in the desert?**

Children will learn about biomes and will be able to summarise the characteristics of a desert biome.

They will locate and explore the features of deserts and be able to explain the physical features found in a desert. Children will explore the different ways that humans are able to use deserts.

They will also learn about the physical threats to deserts. Children will then explore the similarities and differences between two different physical environments.

## **Drawing: I need space**

Children will be exploring the purpose and impact of images from the 'Space race' era of the 1950s and 60s; developing independence and decision-making using open-ended and experimental processes; combining drawing and collagraph printmaking to create a futuristic image.

## **Computing: Data and Information - Flat-file Databases**

Children will learn how a flat-file database can be used to organise data in records. Pupils use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems. They use a real-life database to answer a question, and present their work to others.

## **RE: Christianity - Salvation**

Children will think about the topic of salvation in the weeks before Easter and consider who was really responsible for Jesus' death.

They will think about the different sacrifices that people make and learn about the Eucharist.

## **PE: Badminton**

Children will learn to demonstrate a forehand and backhand shot with some consistency, direct the shuttlecock reasonably well to their partner and incorporate simple tactics to games to score points.

**We will also be completing the daily mile every day.**