

## English

### **Children will:**

Explore a variety of genres and identify the key structural and grammatical features of each one. This term the genres will include mystery stories, explanation texts, discussion texts and recounts. Read regularly across a variety of text types and engage in discussions about what they have read. Explore spelling patterns and improve their handwriting.

## Topic – North America and the Grand Canyon

**Children will:** Use maps, atlases, globes and computer mapping to locate countries and describe features studied. Identify and describe latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn... the Prime/Greenwich Meridian and time zones including day and night. Locate the world's countries, using maps to focus on... North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. Understand and use a widening range of geographical terms including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes. Identify the countries of North America. Identify the physical characteristics and key topographical features of the countries within North America. Compare the physical and human features of a region of the UK and a region in North America, identifying similarities and differences. Investigate and compare climates in North America. Identify some of the famous features of North America, including natural features (e.g. The Grand Canyon) and explore some human features and landmarks (e.g. the Panama Canal.) Explore the various time zones of North America and compare to other time zones around the world.

## Music We will be exploring:

Jazz, Rock 'n' Roll and Blues

## Science

### **Changes of Materials- Irreversible change:**

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible. Appreciate that some irreversible changes need heat whilst others do not. Investigate burning and rusting. Understand the manufacture, properties and history of plastics.

**Forces:** Identify the effects of air resistance, water resistance and friction that act between moving surfaces. Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.



# 'What a Wonderful World!'

## North America

### Year 5 Summer Term 2023

Updated April 2023

## RE (Religious Education)

### **Children will be exploring:**

Hinduism - Moksha and Brahman

## Visits & Special Events

'Bassingbourn Y5 Experience Day' / Sports Day / 'Move Up' morning / / Bikeability / Year 6 Play Leader training /Y5 Café Italiano – see the dates list in 'The Star'

## Mathematics

### **Children will:**

Learn about decimals - ordering and comparing up to 3 decimal places, recognising fraction and decimal equivalents, adding and subtracting decimals to solve problems. Learn about negative numbers. Learn about the perimeter and area of a variety of different shapes. Identify, describe and represent the position of a shape following translation or reflection, recognising lines of symmetry. Identify length and angles within shapes. Interpret data on tables and represent using line graphs. Convert between different units of metric measure and understand and use approximate equivalences between metric units and common imperial units. Estimate and compare length, weight, volume & capacity.

## PE (Physical Education)

Athletics / Kwik cricket / Tennis

Dance Styles from North America – Charleston, Swing and Lindy Hop

## PSHE (Personal, Social & Health Education)

### **The topics will be:**

Personal Safety / Healthy Lifestyles

## Italian We will be exploring:

Music / Sport / Family

## Art & Design/Design Technology

### **Children will investigate, design and produce work on:**

Cooking & Nutrition – North American Soul Food  
Frank Lloyd Wright – the work of the American architect and designer

## Computing

**Children will learn about:** Computer networks including the internet, how they provide multiple services and the opportunities they offer for communication and collaboration.