

## Music

### Music and Me

Children will discover and learn about inspirational women in music and create music expressing issues of self and identity.

Children will listen and evaluate different genres of music and use self-expression and identity as a base to help create lyrics for a rap.



## Topic Map: Year 6 Term: Autumn 2

### Title: Changing Landscapes



### Computing

Children will continue their programming work from last half term and build upon it. They will use their knowledge of loops and repeated loops to code more advanced programs eventually leading towards them creating their own game designs. They will make use of the Code Studio and Scratch applications and draw comparisons between the two.

### DT

#### Gingerbread Houses

Children will investigate existing edible houses to inspire a design and create a specific design criteria. They will use a computer to design a template and look at basic food hygiene rules. Children will follow a recipe to help construct and decorate an edible house. Children will evaluate their final creation.

## History

### Ancient Egypt

Children will explore Ancient Civilisations around the world and identify similarities and differences between them.

They will focus primarily on the Egyptians and develop an understanding of why they were so successful, how they impacted the world around them and what legacy they left.

### R.E - Vocation and commitment

Through Baptism and Confirmation, all Christians are called to share the mission of Jesus. There are many different ways of carrying out that mission. For some people their mission or vocation is as a priest or member of a religious order.

#### Advent/Christmas-

Christians celebrate the birth of Jesus, given by God as a sign and expression of God's love. Giving and receiving reflects the truth that all life is given by God and life is given meaning through the birth of Jesus. Advent is a time of joyful expectation, as we prepare to receive Jesus into our lives and to share this gift with others at Christmas and throughout the year.

### WOW Experiences – Nativity Service

### Gymnastics

Pupils use their knowledge of compositional principles e.g. how to use variations in level, direction and pathway, how to combine and link actions, how to relate to a partner and apparatus, when developing sequences. They build trust when working collaboratively in larger groups, using formations to improve the aesthetics of their performances

### Spanish

Children will learn how to recall facts about their families, types of jobs and feelings using more complex sentences.

Additionally, they will recall numbers 1-100 and simple timetables.

### PSHCE/No Outsiders

Children will discuss how it feels to be new and welcomed into a community such as a club or school. They will consider ways to make our school community a better place and care for other people's feelings.

#### ***The Island by Armin Greder –***

To know what prejudice is and what can happen if racism is not challenged and know how to challenge racist behaviour.

### Class Novel/Book – Stormbreaker by Anthony Horowitz

## English

### **A Story Like the Wind by Gill Lewis**

Immersion in Vehicle text

Enjoy, explore and respond

Determine purpose, audience and form

Familiarisation with text structures

Familiarisation with language features

Knowledge for the writer

Gather ideas and plan

Modelled and Guided writing

Application of writers' skills and knowledge

Independent writing & draft, revise, edit

### **Reading**

Children will continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks. They will ask questions to improve their understanding and draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.

Over the year children will read a range of texts or extracts that have examples of the punctuation, grammar or spelling objectives that are being covered. They will identify and highlight examples of SPaG objectives being covered in extracts

## Mathematics

### **Multiplication and Division**

Children will:

Find common multiples and factors of a given number.

Recap rules of divisibility and prime numbers

Identify and solve square and cubed numbers.

Multiply up to a 4-digit number by a 2-digit number

Solve problems with multiplication

Use short and long division methods

Solve multistep problems using strategies taught in the topic

Focus on the order of operations (BODMAS)

Continue to work on mental calculations and estimation

### **Fractions**

Simplify fractions and to comparing and ordering them.

Work with both basic fractions, improper fractions and mixed numbers.

Add and subtract fractions with different denominators, including mixed numbers.

Divide fractions by whole numbers and explore different methods.

## Science

### **Electricity**

By the end of the topic, children will be able to:

Use recognised symbols when representing a simple circuit in a diagram.

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

### **Working Scientifically**

Children will continue to:

Make accurate predictions

Record data and results in tables

Make careful observations

Take measurements, using a range of scientific equipment, with increasing accuracy and precision.

Report and present findings from enquiries, including conclusions