

# Topic Planning Sheet

## Year 5 Spring 2023

### Maths

#### Fractions

Revise strategies for solving place value problems.  
Recognise mixed number and improper fractions and convert from one to the other  
Write mathematical statements  $> 1$  as a mixed number.  
Compare and order fractions whose denominators are all multiples of the same number.  
Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

#### Decimals

Read, write, compare decimals.  
Add and subtract decimals.  
Turn decimals into fractions.  
Round decimals to the nearest whole number and decimal position.

#### Percentages

Compare quantities, understand that % is an amount out of 100.  
Find percentages of amounts.  
Convert fractions into percentages.

### English

#### 'The Man Who Walked Between the Towers' by Mordicai Gerstein

- Focusing on the events of the 7<sup>th</sup> August 1974, we will retell the story from another point of view. We will be practising our skills in writing in first person, using colloquial language and parenthesis to add asides.  
- We will be discussing the features of discussion texts and writing our own discussion about Philippe Petit. We will be presenting a balanced argument using points for and against, a range of different conjunctions to build ideas and a range of conditional phrases to ensure an objective view point.

#### 'The Explorer' by Katherine Rundell

- We will write a voyage and return story, focusing on how characters link in their stories and develop our writing skills in characterisation through actions and dialogue.  
- We will be discussing the features of persuasive texts, focusing on the 5 main persuasive devices. We will use conjunctions to link ideas and develop our use of the organisational features of a leaflet.

### Science - Properties and changes of materials.

We will be:

- comparing and grouping everyday materials according to their properties.
- developing our understanding to know that some materials will dissolve in liquid to form a solution.
- separating materials using filtering, sieving and evaporating.
- learning about changing state: solids, liquids and gases.



### Geography

We will be studying the physical geography of North and South America, focusing on human and physical features, and linking it with the climate. Key aspects will include: longitude and latitude, climatic phenomena such as hurricanes and flooding and environmental issues such as deforestation.

### Spirituality

Our value this term is courage. We will be thinking about ways we can show bravery and the people who inspire us to have courage, locally, nationally and globally. We will explore stories in the Bible of people who showed courage by trusting in God to help them. We will look at famous characters such as Florence Nightingale, Emmeline Pankhurst and Nelson Mandela. This will help the children to develop their thoughts on this topic.

### R.E. What does it mean to be a Muslim in Britain today?

Children will gain a greater understanding of Islam and look at what we can learn from its beliefs, values and ideas. This will include the Five Pillars of Islam.

### Homework

English: Set on a Monday and returned on Thursday

Maths: Set on a Thursday and returned on a Monday.

Reading: Children need to read at least five times a week and complete reading records.  
We will continue to give spellings on Seesaw.

### P.E.

#### Gymnastics

We will perform actions, shapes and balances, such as handstands, cartwheels, and headstands, using the gymnastic apparatus. We will create a sequence, which will include a ball.

#### Basketball

focusing on teamwork, passing of the ball, decision making, movement on the court, support play, finding space and controlling the ball. We will learn the rules of invasion games.

In term 4 we will also be learning football skills

### PSHE

#### Dreams and Goals

Focused around our future goals, and the contributions made in different jobs in society.

#### Relationships and Changing Me

We will examine our personal qualities and how we are able to cooperate with one another. We will explore how our bodies change as we get older.

### French

Clothing--We will learn how to describe items of clothing using colours, and other adjectives. We will be able to describe a fancy dress outfit and a sports kit in French.

Bon Appetit -We will be covering healthy eating and learning how to order and buy food in shops. We will talk about what we have eaten and learn about past tense verbs.

**Computing - Video production** Children will learn the skills needed in video production. In term 4 they will also begin coding (part 1 of 2 units in Yr 5) They will learn how to solve problems, debug and create nested loops.

### Art

We will be studying and comparing the history of American artists and the painting styles, focusing specifically Andy Warhol and Edward Hopper. We will then emulate their style in our own paintings.

**Music** - This term we will be considering the jazz and blues styles of music, considering their roots and influences. We will look at composers, both historical and modern, as well as composing our own music based on these styles.