

# St. Mary's RC Primary School

## Year 5

### Half termly Overview - Autumn One

#### Religion

In RE, our first topic is Creation and Covenant. Here we will be looking at what makes people happy and thinking carefully about our reasons. We will explore the important figures of Abraham, Joseph and Moses before looking in more detail at the Ten Commandments and Jesus' commandment to us. To finish we will learn the common good, sin, and how virtues can help us to live a good life.

#### Maths

In maths, Year 5 will begin with the basics of Place Value by learning to read, write, compare and order numbers up to 1,000,000. We will also work on rounding numbers and explore partitioning.

Then, we will be developing our skills in addition and subtraction by using formal written strategies with numbers over four digits. We will also practise solving both one-step and multi-step problems in different contexts and will learn to choose efficient strategies, whether mental or written.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

#### Reading

We will begin by looking at a range of fiction, non-fiction and poetry, which are sometimes linked to our work in geography, history or science, such as The Tudors.

We aim to practise reading fluently, reading with expression and using VIPERS to help explore different question types.

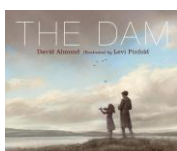


#### Writing

This half-term, Year 5 will be reading '*The Dam*' by David Almond. Through engaging research, thoughtful discussions, and creative tasks, we will immerse ourselves in the story's characters and setting, deepening our understanding of its themes and atmosphere.

Our main writing outcomes will be a poem and a formal letter.

Children will be taught to plan, draft, revise and edit their work to make it the best it can be!



#### Science

In science, Year 5 will be looking at forces and mechanisms.

From exploring gravity and the discoveries of Isaac Newton to investigating air resistance with parachutes, we will uncover how different forces shape our everyday lives. We will complete experiments on water resistance and friction, and discover how simple machines like levers, pulleys and gears make work easier.

#### **Types of Force**



## **Geography**

Our first topic is called 'What is life like in the Alps?'. Within this, we will be locating the Alps on a world map and identifying the 8 countries they spread through. Using keys and map skills, Year 5 will also research and compare the human and physical features of the Alps with the features of our local area.



## **Design Technology**

In DT, Year 5 will be reviewing simple circuit components (battery, bulb and switch) before exploring how a motor can change electrical energy into movement. We will then research how the different parts of a Doodler work (including the motor) and use this to develop a design criteria. This we will use to create a functional Doodler that creates scribbles on paper.

## **Physical Education**

In PE lessons, Year 5 will be learning to play tag rugby and dance. In tag rugby, we will be developing key skills for agility, in passing and dodging, and our teamwork. In dance, we will be developing their creativity and teamwork by learning to explore movement, create short sequences and perform with control and expression.

## **Music**

The main focus for this half-term will be on singing. We will explore different singing styles, including scat, and develop skills in singing in the pentatonic scale and a Capella unison. We will also learn about the benefits of singing and use accurate musical terms to discuss their work.



## **French**

In French, Year 5 will be recognising previously known words and using dictionaries to research the meaning to new vocabulary. We will be able to sort nouns by gender and number, and use the correct articles/pronouns (un/une and il/elle) according to gender.



## **PSHE**

The main focus this half-term is friendship and bullying: what makes a good friend, how to include others and how to handle bullying safely and respectfully.



## **Homework**

English and maths homework will be set on Friday and due in on Wednesday.

Spellings will be set on Friday and tested on Friday.

Ongoing daily reading and timetables practice on TTRS will help consolidate class learning.

## **Other important information**

PE is on Monday and Wednesday. Please ensure children have correct school PE kit of black shorts/trousers, white t-shirt and plain blue hoodie or school jumper.