



# Sacred Heart Catholic Primary School

## CURRICULUM MAP

## AUTUMN TERM YEAR 5

### KEY VOCABULARY:

See knowledge organisers for each subject



### MATHEMATICAL UNDERSTANDING

We continue to use the WHITE ROSE scheme of work.

#### Place value

We will be working with numbers up to 1,000,000 and practise using powers of 10 as well as adding and subtracting 1, 10, 100, 1000, 10,000, and 100,000

#### Addition and Subtraction

We will be adding and subtracting numbers with more than 4 digits, rounding and completing multi-step problems.

#### Multiplication and Division

We will continue to work on times tables. We will learn about common multiples, factors, prime and composite numbers and square numbers. We will also multiply and divide by 10, 100 and 1000.

#### Fractions

Lots of work on equivalent, mixed-number and improper fractions as well as ordering, comparing, adding and subtracting them.

### COMPUTING

Our first topic is 'We are game developers' where the children will use various programs to create their own games. After the half term break, we will become 'cryptographers' and learn about coding and passwords. Internet Safety will continue to be a priority.

### RELIGIOUS EDUCATION

1. Gifts from God - This topic outlines some of the key beliefs about the creation of the world and the creation of human beings; being made in God's image as well as the story of 'The Fall'. They will reflect on their stewardship of creation and on their care for others through work on St. Francis and St. Vincent de Paul.
2. The Commandments - Children will learn that God gave the Ten Commandments to Moses as a gift to help us to live as God wants. The children will learn how God sent Jesus, his only Son, to help us live the commandments.

### SCIENCE

Children will start by revising their knowledge of forces and gravity. They will look at the work of various scientists such as Newton and experiment with gears and pulleys.

Next we will study the movement of the earth and other planets around the sun as well as night and day and seasons.

### THE ARTS AND DT

This half term we will be looking at optical art and illusion based on the work of Hundertwasser & Bridget O'Reilly.

After half term, we will look at textiles and make stuffed toys using a blanket stitch.

In music, our topic is composition notation. Children learn to identify the pitch and rhythm of written notes and then experiment with notating their compositions in different ways.

### HUMANITIES

Our topic 'The Amazon Basin' is about the human and physical geography of a specific region in South America.

We will be learning how Rainforests are structured, how they are used, and what threats they face. We will be utilising key geographical skills and working as geographers to examine this topic.



### WELL BEING

PE this half term will be basketball and tag rugby. Next half term it will be swimming and dance. PE days are Wednesdays and Fridays.

In PHSE, we will be looking at being me in my world over the first half term, and looking at celebrating differences in the second. In SRE (Live life to the full), we will look at Faith and how God calls us.

### ENGLISH AND READING

We will begin this term by writing a non-chronological report based on The World of the Unknown: Monsters by Carey Miller and The Book of Mythical Beasts and Magical Creatures by Stephen Krensky.

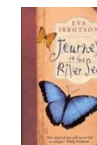
We will also be writing a narrative extract based on Cloud Tea Monkeys by Mal Peet and Elspeth Graham.

After half term, we will be writing Cinquain poems based on Where the Poppies now Grow and In Flanders Field and a narrative using The Promise by Nicola Davies.



Our grammar and punctuation focuses will be about multi-clause sentences and relevant punctuation.

Our reciprocal reading book this term will be Journey to the River Sea by Eva Ibbotson.



Our spellings will be securing the Year 4 key words, before moving onto the Year 5/6 list.

### SPANISH

We will be describing me and others and saying what I and others have.

