

# Topic Map: Year 4

## Term: Autumn 2

### 'Check for a soggy Bottom'



#### R.E – Called/

**Called** – Children will learn People are chosen for different things at different times and people are chosen for different reasons. Another way of explaining this is that people are called to help or contribute in a special way. They will discover how various people from the bible were chosen by God, How Jesu called his Apostles and how we are called through the Sacrament of confirmation, how we ourselves can live in the light and how the Holy Spirit can inspire us to be the best version of ourselves.

**Gifts** – Children will discuss the concepts of Love and friendship and what it means to them. They will prepare for God's gift of love – baby Jesus - Through Advent and how the church celebrates the gift of Jesus.

#### WOW Experiences

–swimming / Cookery

#### DT – Seasonal Food Vegetable Tarts

Children will know that vegetables and fruit grow in certain seasons and that we often import food from other countries when it is not in season. They will survey their classmates on the most popular vegetables, have a tasting session with vegetables they are not familiar with before creating a design criterion for a vegetable tart of their own. They will understand the importance of health and safety and create a list of safety rules when cooking and using utensils. Children will make their tarts following the design criteria and evaluate on presentation and taste.

#### Music

##### Playing the Ukelele

Children will consolidate their knowledge of the ukulele, focusing on tuning, technique and reading tab. They will add the chord F to their chord bank and learn to play a number of two chord songs using C and G7, or C and F.

#### History – Anglo Saxons

This term the children will learn about the Anglo Saxons and the Scots. They will learn when the Anglo Saxons invaded Britain and why. The children learn what daily life was like in Britain during the Anglo-Saxon period. They will also understand who the Picts and the Scots were and how they had different cultures despite living close together.

#### Spanish

Children will recognise which nouns are feminine and which are masculine. They will present and practise subjects - start with el, then la. Guess the meaning. Children will learn the Spanish alphabet and letter sounds

#### PE – Swimming

Children will learn to develop as swimmers and be introduced to specific swimming strokes on their front and back. They will learn how to travel, submerge and float with increasing confidence, be introduced to some survival skills and how to be safe around water.

#### Yoga

Children will learn yoga poses and techniques that will help them to connect their mind and body, building strength, flexibility and balance. The learning includes breathing and meditation taught through fun and engaging activities.

#### PSHE-Getting on and falling out

Children will discuss and take part in activities to explore what it is like to fall out and how we can better get along.

#### Skills:

Developing confidence and responsibility and making the most of their abilities. Prepare to play an active role as citizens. Develop good relationships and respect the differences between people.

#### Class Novel/Book

Harry Potter and the Philosopher's stone

## English

### **Outsider Narrative-The Leaf**

Children will immerse themselves in the narrative-The Leaf by Sandra Dieckmann. They will focus on the use of noun phrases expanded by the addition of modifying adjectives and nouns/ prepositions to help them write their own narrative. The children will also focus on the use of fronted adverbials using a comma to punctuate them accurately to extend their writing further. They will develop the use of paragraphs to organise ideas around a theme. Children will write and publish their own Outsider Narrative using the example text for support.

### **Information report-The Leaf**

Children will gather and summarise facts and information about polar bears in order to generate ideas for their own writing. They will plan, draft and edit their own information report based on polar bears. Children will develop their use of organisational features such as sub-headings, captions and images in order to develop their cohesion.

## Mathematics

### **Adding and Subtracting to 10,000**

Children will be taught to add and subtract with numbers up to 10 000. They will use the column method for addition and subtraction and they will also learn mental methods for addition and subtraction. Pupils will be encouraged to think about when is the most appropriate time to use each method. They will use the methods taught to solve word problems: visualising the problems using the bar model.

### **Multiplication and Division**

Children will further develop their understanding of multiplication and division. They will learn how to divide and multiply by 1 and 0 and understand the law of commutativity. They will learn how to multiply three numbers together using prior knowledge of multiplication tables.

Children will use their tables and knowledge of place value to multiply multiples of 10, leading to the multiplication of 2-digit numbers using short multiplication. They will use their knowledge of multiplying multiples of 10 when multiplying multiples of 100, leading to multiplying 3-digit numbers using short multiplication.

Children will learn more about division and will divide 2-digit numbers using two methods, including numbers with remainders. They will learn to solve multiplication and division problems using the methods they have learned and will use bar models to visualise what the problem is asking them to do.

## Science

### **Digestive System**

Children will describe the simple functions of the basic parts of the digestive system in humans. And be able to label up the organs with diagrams.

They will consider why we have different types of teeth and learn to label them and describe their function. They will compare the teeth of humans with other animals and will identify food chains in the natural world.

Children will construct and interpret a variety of food chains, identifying producers, predators and prey in a variety of habitats that include the oceans, rainforests and deserts. They will record their findings using scientific vocabulary

### **Scientific Enquiry**

Use different ideas and suggest how to find something out.

Make and record a prediction before testing.

Plan a fair test and explain why it was fair.

Set up a simple fair test to make comparisons.

Explain why we need to collect information to answer a question.