



Curriculum Overview Year 2 Spring Term



RE



Parables and Miracles

Children will know a range of parables and miracles and understand Jesus' qualities as a healer and teacher. Know that the Church carries on Jesus' work of healing through the Sacrament of the Sick.

Special Celebrations

Children will know the Seasons of the Liturgical year and be able to describe some of the customs and symbols associated with them. Know that the Sacraments are special celebrations and identify some of the rituals that take place in Baptism and Marriage

Lent

Children will know the importance of Jesus' teaching about forgiveness. Be able to express the difficulties associated with being a forgiving person. Some understanding of how we experience forgiveness through the Sacrament of Reconciliation

Holy Week

Children will know the sequence of events of Holy Week. Think of reasons why Christians praise and thank Jesus today. Understand something of the words and actions of Jesus at the Last Supper and reflect on his suffering and death

Easter

Children will know a range of stories about the Resurrection and the Risen Jesus, the other characters involved and their reactions. Be able to identify the symbols used during the Easter Season and explain their significance

Music



Spring 1 - Learn to play the glockenspiel

Spring 2 - I wanna play in a band listening and responding to songs We will rock you by Queen, Smoke on the water by Deep Purple, Rocking all over the world by Status Quo

Science



Animals and their needs

In this unit pupils begin by learning about the stages of human growth. They will learn that animals grow until they are adult and that different animals start life in different forms, some as eggs and some as live births and they look at the needs of the young of different species. They will think and describe the basic needs of animals, including humans, for survival and understand the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. They will investigate the changes in their pulse rate before and after exercise and discuss their thoughts around the outcomes.

Materials

Pupils will explore different materials and begin to link properties with the use of the material, carrying out an investigation to decide on the best material for a particular use and imagining what objects would be like if they were made from “silly” materials. They learn about the life of John Boyd Dunlop who invented the pneumatic tyre. They will find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Computing



During this term the children are ‘Learning to be computer scientists’.

The children will use a range of resources including programmable equipment, computers and iPads to help learn how to program. The children will be taught to understand what algorithms are; how they are implemented as programs on digital devices; and that programs work by following precise instructions. They will also learn to create and debug their own simple programs using a range of hardware and apps. The pupils will start by using Beebots and use directional language to help program them around a course.

Global Learning



Pioneers

- That people in the past, with pioneering ideas, inventions and reforms, have had an impact on the world we live in today.
- That people can change the environment that we live in by inventing new machines and processes.
- How to research people's lives using books, the Internet, artefacts and pictures.
- How to present their work in a variety of different ways.

Indian Spice

- Use different sources to research topic and find out about India and Indian Cultures. E.g. Books, the internet, holiday brochures and family photographs
- Research geographical location of India and compare to our own country and locality. Find out about the differences in physical and human geographical features.
- Compare cultures in United Kingdom to cultures in India.

English



Patterns and Themes

This unit encourages pupils to listen to, read and respond to rhymes and language patterns, and to explore different forms of poetry. Pupils are encouraged to join in and enjoy playing with words, rhythm and rhyme, and to recite some by heart. **Author Study**

This unit explores in more depth the work of a chosen author. Pupils are involved in selecting the author by recalling books read in Year 1, books read at home and independently, and by the teacher sharing some appetising books with pupils. Pupils compare and contrast the stories identifying and recognising the style of the author.

Maths



Number: Number and Place Value

- Use place value and number facts to solve problems
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs
- identify, represent and estimate numbers using different representations, including the number line
- read and write numbers to at least 100 in numerals and in words

Number: Multiplication and Division

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

Number: Addition & Subtraction

- solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- apply their increasing knowledge of mental and written methods
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
 - a two-digit number and ones
 - two-digit number and tens
 - two two-digit numbers
 - three one-digit numbers
- show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Measurement

- choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm)

Number: Fractions

- recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of a length, shape, set of objects or quantity
- write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$

Measurement

- choose and use appropriate standard units to estimate and measure mass (kg/g);

Number: Multiplication and Division

- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Maths (continued)



Number : multiplication and division

- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs
- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

Geometry – position and direction

- order and arrange combinations of mathematical objects in patterns and sequences
- use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

Measurement

- Compare and sequence intervals of time
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- Know the number of minutes in an hour and the number of hours in a day
- Compare and order volume/capacity and record the results using $<$, $=$, $>$

Measurement

- choose and use appropriate standard units to estimate and measure temperature ($^{\circ}\text{C}$) and capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels;

Number – number and place value

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward

Number – addition and subtraction

- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

Statistics

- interpret and construct simple pictograms, tally charts, block diagrams and simple tables

Art



The whole school theme for art this term is **COLOUR**. Children will learn about how to create and apply colour in a number of mediums like oil pastel, chalk pastel and various types of paint. This term, children will also learn about the life and work of a well known, recognized artist.

