



Topic Map Year 4 Term: Spring 1

TITLE: Happy New Year!



RE: Community

Children will explore the experience of community as an essential and enjoyable part of life for people of every age and faith. The cycle of a year and the span of a lifetime contain occasions for regular celebrations as well as unexpected surprises, when people want to celebrate with family, friends and communities.

Giving and Receiving

Children will explore what it means to give and receive before moving on to explore various stages of Catholic Mass including, Penitential Act, Communion Rite and the Concluding Rite

PE: Gymnastics

Children will identify some muscle groups used in gymnastic activities. They will plan and perform sequences with a partner that include a change of level and shape, safely perform balances individually and with a partner. They will understand how body tension can improve the control and quality of movements, watch each other and suggest ways to improve using key vocabulary.

Art: Indian Art

Children will explore the history of Indian Art that include Mughal painting, Rajput painting, Mysore painting, Tanjore painting, Kangra painting, Madhubani painting and Pattachitra. They will explore the art of the Indian elephant festival and discuss its cultural and ethical significance before creating decorative elephant of their own. Children will explore and create Mehndi patterns including drawing, in the context of creating a symmetrical floral pattern. By the end, children will compare ideas, methods and approaches in their own and others' work and say what they think and feel about them.

Geography – Why are rivers called the Arteries of our world?

Children will explore the journey of a river from source to mouth. They will learn geographical vocabulary related to a river system. They will explore maps and aerial photographs to explore the different phases of a river course and identify different rivers in the UK including the Mersey, Severn and Thames. They will also explore rivers both in Europe and beyond and use four or six figure grid references on a map to locate rivers and their features. Children will also explore how rivers have an effect on trade and human settlements.

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.

WOW Experiences – learn how to play a musical instrument



Spanish

This term the children will ask and answer questions about the weather.

Children will say what months are in different seasons.

They will also repeat and recognise the Spanish names for multiples of 10 to 60.

Computing- Branching Databases

Children will learn about the concept of branching database and create their own using presentation software that includes; Microsoft Powerpoint, Google Slides, JIT5 and Pic Collage.

They will use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Class Novel/Book

The unforgotten coat -Frank Cottrell Boyce

English

Myth Narrative

In this topic the children will be studying the text- Arthur and the golden rope. Children will learn about abstract nouns and will create abstract noun phrases to describe mythical artefacts.

They will learn about different sentence structures and how the position of the fronted adverbial within the sentence impacts the effect of the writing.

Children will plan and write their own myth narrative using the text to support them. They will edit and re-draft their own writing after discussion with their peers.

Instruction guide

Children will apply their knowledge of the text - Arthur and the golden rope to plan and write an instruction guide on how to defeat a Viking monster. The children will analyse example texts to understand the use of language and layout features. They will assess the effectiveness of their writing and propose changes to vocabulary, grammar and punctuation to enhance effects

Mathematics

Further Multiplication and Division

In this topic children will be introduced to formal methods of multiplication and division using larger numbers. They are introduced to factors for the first time. They learn that when they multiply two whole numbers to give a product, both the numbers that they multiplied together are factors of the product. Children will consolidate their understanding that 1 ten is 10 times the size of 1 one and 1 hundred is 10 times the size of 1 ten. They will recognise that when multiplying by 10 the digits move one place value column to the left and zero is needed as a placeholder in the now blank column. Children will learn to multiply whole numbers by 100, understanding that this is the same as multiplying by 10 and then multiplying by 10 again.

Children will use concrete resources and a place value chart to see the link between dividing by 10 and 100 and the position of the digits of a number before and after the calculation. They will be introduced to multiplying and dividing 2- and 3-digit numbers by a single digit number and use this knowledge to solve correspondence problems.

Length and Perimeter

In this topic, children are introduced to kilometres and the abbreviation " km". Children should understand that kilometres are greater than metres and are used to measure greater distances. Children will explore perimeter further with a focus on rectilinear shapes, where all sides meet at right angles. Children will be introduced to the term 'regular Polygons' and learn how to calculate the perimeter of these shapes.

Science

States of Matter

Children will compare and group materials together, according to whether they are solids, liquids or gases based on how they behave.

They will develop their knowledge working scientifically by observing that some materials change state when they are heated or cooled. They will use a range of measuring equipment to do this including data loggers and thermometers.

Towards the end of the unit, pupils make links to the Geography curriculum by identifying the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Working Scientifically

- Make observations related to the task with increased independence.
- Use simple standard measures.
- Begin to read scales to the nearest division and record results using a simple 2 column table.
- They will hypothesise on how they can change or improve results for future experiments.