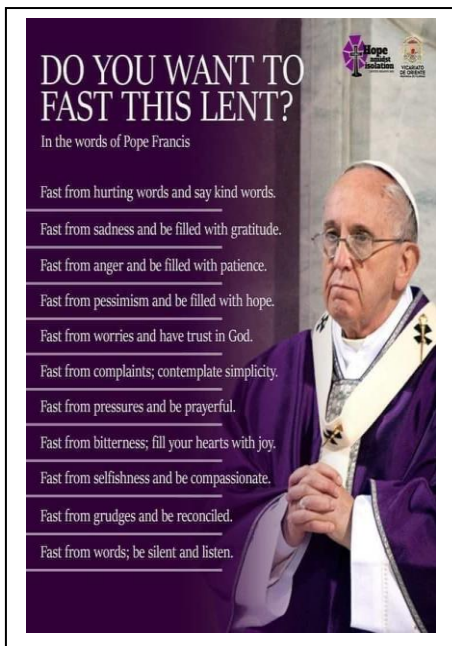




Topic Map Year 4 Term: Spring 2

TITLE: Lent: Arteries of our Planet



Geography – Rivers

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.

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.

DT – Levers and Linkages

Children will explore how different types of pop-up, moving and linkage type mechanisms can be created. With a focus on pop up and lever and linkage mechanisms and experiment with pop up and lift the flap mechanisms too. They will research ready available products, plan a sequence of actions to make a popup book. Create a short story book based on their own ideas and designs before evaluating the finished product.

R.E – Lent/Easter/Giving

Children will explore family life and life in school before learning about the time of Lent and how it is a time of the self-offering of Jesus and recognising right from wrong in our own actions. We can gain insight through prayer and further understanding of the sacrifices Jesus made for us.

WOW Experiences –

World Book Day

Tennis

Children will develop the key skills required for tennis such as the ready position, racket control and forehand and backhand ground strokes. Pupils learn how to score points and how to use skills, strategies and tactics to outwit the opposition. Pupils are given opportunities to play games independently and are taught the importance of being honest whilst playing to the rules.

French

Children will learn the names of animals and in particular – sea creatures and farm animals. They will do this through games, rhymes and song. It will include recognising phonemes 'ch, on, gn, oi, and understanding the written words for various habitats.

PSHE- Healthy Me

Children will learn to identify how different friendship groups are formed. They will identify people who are leaders and who are followers in a group and come to know their own role in this situation. Children will recognise the facts around smoking and alcohol and the impact that it can have on our health. Come to understand what peer pressure is and explain ways to resist these situations.

Class Novel/Book

Charlotte's Webb

English

Stories with Issues and Dilemmas

Children will identify the features of a story with issues and dilemmas. They will watch an extract from TV or video which shows a character facing a dilemma; talk about how the mood and atmosphere are achieved with music, images and words.

They will read another story and focus on a problem faced by the main character.

Children will identify and discuss evidence in the text that suggests the character's point of view and their possible actions. They will explore other characters and alternative views on the problem.

Children will demonstrate how to write the opening part of the story to set the scene and consider ways to draw the reader in.

They will write their own stories independently using the plans, draft, review and edit them.

Explanations

Through a variety of texts, children will learn the key features of an explanation text. They will link these features to plans and ideas of their own to draft and redraft before creating their own finished text.

Some activities will include children looking at the importance of time conjunctions and how they influence their writing for purpose and meaning.

They will be given speaking and listening opportunities to test out the work they have produced and offer support and advice on how to improve their own writing and that of their peers.

Mathematics

Time

Children will learn about the 24-hour clock. They will learn how to use both the 12-hour clock and the 24-hour clock. They will convert between units of time, such as minutes and seconds, and hours and minutes. Pupils will learn how to solve time problems involving conversions and will calculate durations of time in relation to word problems.

Decimals

Children will learn about tenths and hundredths. They will learn how to count, order and record the decimals in different ways. They will begin to see equivalence between tenths and hundredths and will be able to compare and order the numbers. Pupils will learn to continue linear number sequences as well as round decimals to the nearest whole number. They will also link tenths and hundredths with dividing by 10 and 100.

Money

In this chapter, pupils will learn how to count and record in pounds and pence. They will make links between tenths and hundredths and decimal notation for money. They will learn how to compare amounts of money by looking at significant digits and by converting amounts from pounds to pence and vice versa. Pupils will be taught how to round money to the nearest pound and understand contexts in which this would be a useful skill to know. They will use this skill to estimate amounts and totals. They will apply these skills to problem-solving situations, finding totals and calculating change. They will also learn how to visualise a money problem using a bar model and begin to explore unequal sharing in the context of money.

Science

Sound

Children will identify how sounds are made, associating some of them with something vibrating. They will recognise that vibrations from sounds travel through a medium to the ear. Children will recognise that sounds get fainter as the distance from the sound source increases. They will find patterns between the pitch of a sound and features of the object that produced it

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.