Year 5 - Autumn 1

Rivers: From Source to Sea

Christian Value
Loving-Kindness

Description:
This topic is designed to help children understand about the importance of rivers and the part they play in our lives, as well as identify known rivers around the world. There is opportunity for them to develop their fieldwork skills through a visit to a local river and also research skills through independent projects.

Hook:
The children will study local OS maps and plan a safe route from school to Radford park. The children will participate in a day trip to Radford Park where they will undertake advanced fieldwork such as looking at the different features of a river system, river flow rate and meanders with support from the River Wey Trust.

SMSC: Revisit the Golden Code, Christian Values and Gingerbread Child and look to how they are applicable to Year 5 and our learning. Understanding different cultures through reading texts and appreciating and take care of the world we live in.

Oracy: Performing, entertain and inform the Junior School community during our Easter Service. Children will develop their skills to project their voice and stand infront of an audience.

Quality texts to inspire us:

- The Wreck of the Zanzibar
- Escape to the River Sea by Emma Carroll
- Journey to the River Sea - Eva Ibbotson
- A range of non-fiction texts to support our river research

Emotional Wellbeing:

The Empowerment Approach

- The children will building on their understanding of strengths, identifying the strengths they have and how they can continue to improve them.

Trick Box

- **Mirror Mirror**
- **Big Voice**
- **Stand as if**
- **Super Stretch**

Outcome: Children will visit Radford Park and the River Wey before and after the topic to locate features and use their learning to identify human and physical features.

As readers, we will:

- Read and study The Wreck of the Zanzibar by Michael Morpurgo through a range of
- questioning and discussions, building on our own and others' ideas.
- Look at a range of fiction stories setting along a river or coastline.
- retrieve key information from the text accurately
- develop reading fluency with practise and rehearsal
- Draw inferences such as characters' thoughts, feelings and motives, justifying these with evidence from what we have read.
- increased reading miles and range of quality texts.

As writers, we will:

- Produce writing in a range of forms such as diary entries, recounts and explanations, using similar writing as models for our own.
- Write from a different perspective showing and understanding of a character
- Write using first person pronoun
- Develop understanding of contractions for informal writing purpose
- Understand the purpose and appropriate use of fronted adverbial phrases for time, manner, place and frequency.
- Develop knowledge of the 8 word classes (noun, pronoun, adjective, verb, adverb, determiner, preposition, conjunction).

As mathematicians, we will:

- Numbers to 1,000,000: Read and write numbers to 1000000, compare them and look at number patterns. We will also round numbers to the nearest 10, 100, 1000 and 10,000.
- Addition and subtraction: learn to mentally add and subtract and use the column methods to calculate efficiently and accurately.
- Multiplication and division: Learn to find multiples and factors of a range of numbers. We will also recognise prime numbers and understand what these are within the number system.

As geographer, we will:

- Children will locate different counties and cities within the UK and Identify key human and physical characteristics.
- They will understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom.
- They will describe and understand key aspects of human geography, including: types of settlement and land use, minerals and water.
- Children will use fieldwork to observe, measure, record and present data in the local area, using a range of methods, including sketch maps plans and graphs, and digital technologies.
- They will describe key aspects of physical geography relating to the water cycle.

Computing: This unit focuses strongly on internet safety, thinking about how to keep themselves and their identity safe online. The children will develop an understand of safe and reliable websites and resources. During the unit the children will further understand online communities and discuss ways to stay safe.

RE - Salvation.
The children will outline the timetable of the 'big story' of the Bible and explain how incarnation and salvation fit within it. They will explain what Christians mean when they say that Jesus' death was a sacrifice. The children will make connections between the Christian belief in Jesus' death as a sacrifice and how Christians celebrate Holy Communion/Lord's Supper.

Art: The children will create an imaginative piece using multi medium looking at artwork by Carolyn Saxby. The children will compare Saxby's work to help them decide on their own design ideas. They will use watercolours on canvas fabric, sew on buttons and use angelina fibres to recreate their own water inspired art.

Science: The children will investigate changes in materials, identifying that some result in the formation of new materials and that this kind of change is not usually reversible, including changes associated with burning. Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. They will build on their knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

PE/ Games: Children will learn skills in Netball, focusing on sending and receiving a ball in a variety of ways, using pivoting to move with the ball. Children will also have an opportunity to learn hockey skills in lessons given by a coach from Haslemere Hockey Club.

French: Le Weekend. Children will revise French vocabulary for food and numbers. They will learn new phrases and vocabulary to be able to share about their hobbies and interests. As an outcome children will participate in a French Café, where they will practise ordering food and reading menus.

Music: Children will Identify and name rhythmic elements from known songs including ta (crochet) and te te (paired quavers). They will use the term 'metre' to describe groupings of 2, 3 and 4 beats. Children will express and justify ideas and opinions about music heard and performed using a musical vocabulary, commenting on specific features and intended effects. They will also use the terms allegro and adagio to describe the tempo (speed of the steady beat).

PSHE Friendship: Children will look closely at feelings, friendship skills including compromise and assertive skills and discuss why these qualities are important in forming and maintaining friendships.