



## Emmanuel Primary School

Year 5 Topic Sheet

Autumn Term 1 2020

**Topic: Rivers**

### LITERACY

**On-going:** Spelling, Handwriting, Guided Reading.

This half term we will be reading 'Journey to the River Sea' by Eva Ibbotson. 'Journey to the River Sea' is a novel set in the early twentieth century about a young girl who moves from her boarding school in England to the exotic jungle in Brazil. Children will use the main themes of the book to write from a variety of characters' perspectives as well as creating their own short narrative based on the text.

During **Guided Reading** the children will be reading a range of high quality short-stories, non-fiction and poetry to develop their comprehension skills.

**Spelling:** We will begin to learn how to spell words from the Y5/6 statutory word list.

### NUMERACY

The focus of mathematics teaching in Year 5 is to ensure that pupils extend their understanding of the number system and place value to include larger numbers and to develop the connections between multiplication and division with fractions, decimals, percentages and ratio. This term we will be focusing on consolidating our understanding of place value and applying that knowledge to the four main operations (addition, subtraction, multiplication and division). Additionally we will be studying aspects of geometry (including angles), fractions (including decimals and percentage) and problem solving.

### P.E

This term, children will have PE on a Wednesday morning with Mr Spadaccini and will play rounders. Please ensure children have their PE kits in school at all times.

### Music

The children will be taught music by Miss Payne this year and will also begin learning a brass instrument every Thursday from the 24<sup>th</sup> September.

**SCIENCE Autumn 1 - Living Things and Their Habitats:** This unit will teach children about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination. We will learn about different types of mammals and their different life cycles. Furthermore, they will explore metamorphosis in insects and amphibians, comparing their life cycles.

**Autumn 2 - Forces:** This unit will teach the children about balanced and unbalanced forces, gravity, friction and the use of mechanism such as levers, gears and pulleys. The children will identify forces and complete force diagrams. They will find out about Isaac Newton and his discoveries about gravity. They will work collaboratively to investigate air and water resistance and participate in challenges to design the best parachute and boat.

### GEOGRAPHY, AUTUMN 1: Rivers

We will begin this unit by examining the river system and creating our own model showing the journey of a river. We will also investigate the causes and consequences of flooding, looking at UK case studies to aid our research. The children will then focus on the River Thames, its geography and key features. The children will develop their map reading skills while studying the River Thames and undertake a range of tasks to help them understand reading an OS map.

**PSHE** - We will share our goals and aspirations for the year ahead. Children will develop their personal and social skills through the topics of creating a happy and caring classroom and friendship.

### RE - Who is Jesus? - Autumn 1

Children will explore the different names and ways Jesus is represented throughout the bible. We will study the 7 'I am' statements of Jesus, their meaning to Christians and how they relate to the personal lives of Christians.

### Christmas through music and art - Autumn 2

Children will examine art and music and how they are used by Christians to express themselves at the festival of Christmas. They will explore how art and music convey Christmas but also how they are used to express the meaning of Christmas.

## **HISTORY, AUTUMN 2: The Stone Age**

In this unit of work, children will explore how the Stone Age to the Iron Age period affected life in Britain. They will learn how early man survived in a harsh environment, why Skara Brae was important for understanding life in the Stone Age and how copper mining was crucial to the Bronze Age and why Stonehenge was built. Children will also learn why Iron Age people developed hillforts and how important Druids were in this period. We will be using a range of historical skills to learn, understand and evaluate the Stone, Bronze and Iron Age. Children will learn how to evaluate a range of primary and secondary sources to inform them about the different periods.

**COMPUTING** - Children will learn how to create and edit presentations using applications such as PowerPoint. They will create a presentation on different rivers from around the world. After half-term, the focus will be 'Digital Literacy' and enhancing their technical understanding through learning about the history of computing and the internet.

## **WINTER UNIFORM**

- White Shirt with Emmanuel yellow and navy tie or white polo shirt with Emmanuel crest.
- Navy cardigan or jumper. Emmanuel cardigan is available!
- Grey Trousers / Navy skirt or dress
- Black shoes and white, navy or grey socks/white or navy tights
- No jewellery apart from stud earrings
- No nail varnish
- Yellow, white or navy hair bands

## **ART:**

We are going to begin this year by looking at Pablo Picasso and creating self-portraits following his artistic style. Then, linking our artwork with our Geography unit on Rivers, we will focus on sketching rivers from pictures. We will look at the work of J.W.M Turner, studying his style and use of colour. We will then create our own pieces in Turner's style.

## **GENERAL INFORMATION -**

- **Illness** - Please ring the office first thing in the morning.
- **Be at school on time.** The Year 5 day is now 8.40am to 3.10pm
- **Check the weekly newsletter** that is uploaded onto the school's website and check children's bags daily for any other correspondence.
- **Medical needs** - Please keep the school updated through the year, especially if there have been any changes over the summer.

## **HOMEWORK -**

We will begin to set homework later this half-term and use Google Classroom for homework. It will be set on a Friday and will be due in by Tuesday. However, if pupils hand their homework in on a Monday, they will receive 5 house points!

**Reading for pleasure** - Children should read for at least 20 minutes every day at home.

**Spellings** - Each half term, a list of all the spellings for the half term will be sent home, ready for a test each week.

**Times Tables** - Children should practise their times tables throughout Key Stage 2, ready for a weekly test.

**Maths Homework** - Children will be given a variety of tasks to consolidate learning in class including a maths activity online or a problem solving activity.

**Literacy Homework** - Children will be given a variety of tasks to consolidate learning in class including a Spelling, Punctuation and Grammar activity or a creative writing activity.

*If homework is not handed in or incomplete, children will be expected to stay in at lunchtime for 20 minutes for 'Homework Club', unless there has been communication from a parent.*

## **If there is a concern...**

Children can use the worry box in each classroom, circle time during PSHE or arrange to see Mrs Watkins or Mrs Harrington for 'Let's Talk'. Parents/Carers please arrange an appointment to see the class teacher by contacting the school office.

## **PE UNIFORM**

- Yellow Emmanuel T-shirt
- Navy shorts/ tracksuit bottoms
- Plimsolls
- No tights for PE!
- Please label your child's PE kit with their name

## **SNACKS & LUNCHTIME**

Please provide healthy snacks for play time; no crisps, chocolate, sesame or nuts. Children must now bring their own water bottle to school. Please see the Packed Lunch Policy for more information on the school website.

## **What measures are in place in school to prevent the spread of coronavirus?**

- Ensuring that those who have symptoms of COVID-19, or someone in their household who does, do not attend school.
- Increased handwashing and use of hand sanitiser on entry/exit, after playtime and before and after lunchtime.
- Promoting the 'catch it, bin it, kill it' approach to coughs and sneezes.
- Enhanced cleaning of regularly-touched surfaces throughout the school.
- There will be reduced mixing between groups of children. Children will be divided into hubs (Nursery and Reception, Years 1 and 2, Years 3 and 4, Years 5 and 6). Each hub will have separate entry and exit times, playtimes and lunchtimes from other hubs. There will be no whole-school collective worship. In class, all children will face the front and each child will have their own resources to use.