



Emmanuel Primary School

Year 5 Topic Sheet

Autumn Term 1 2018

Topic: Rivers

LITERACY

On-going: Spelling, Handwriting, Guided Reading.

Children should read for at least 20 minutes each night. During Guided Reading the children will be reading a range of high quality short-stories to develop their comprehension skills.

This half term we will be reading 'Journey to the River Sea' by Eva Ibboston. 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' perspective as well as create their own short narrative based on the text.

Spelling: We will begin to learn spellings from the Y5/6 and the words from the list and spelling tests will be on a Wednesday.

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 pupils make between multiplication and division with fractions, decimals, percentages and ratio. This term we will be focusing on consolidating 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 Thursday morning with Mr Spadaccini.

We will be focusing on developing skills in netball. Please ensure children have their PE kits in school at all times.

Music

The children will be taught music by Mr Pegdon this year and will also begin learning a brass instrument with Mr Crocker.

SCIENCE

Forces - Autumn 1: This unit will teach the children about balanced and unbalanced forces, gravity, friction and the use of mechanisms such as levers, gears and pulleys. They will find out about Isaac Newton and his discoveries about gravity. Additionally, they will work collaboratively to investigate air and water resistance and participate in challenges to design the best parachute and boat.

Living things and their habitats - Autumn 2: This 'Living Things and Their Habitats' 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 and asexual reproduction. We will learn about different types of mammals and their different life cycles, making life cycle wheels to present their learning. Furthermore, they will explore metamorphosis in insects and amphibians, comparing their life cycles.

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 cause and consequence 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

This unit of work will teach children about how the Stone Age to the Iron Age period impacted life in Britain. They will be learning about how early man survived in a harsh environment, why Skara Brae was important for understanding life in the Stone Age, how copper mining was crucial to the Bronze Age and why Stonehenge was built. Children will also be learning about why Iron Age people developed hillforts and how important Druids were in the Iron Age. 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.

ART:

This half term we will be linking our art work into our topic, focusing on sketching rivers from pictures and from observation. We will then move onto looking at the work of J.W.M Turner, studying his style and use of colour. Our final piece will be a watercolour of the River Thames, painted in the style of Turner.

COMPUTING - Children will learn how to use a variety of digital tools to create and edit presentations which children will use to create their own fact file about famous rivers. We will also be looking at the history of computing and how technology has developed over the century.

GENERAL INFORMATION -

- Illness - Please ring the office first thing in the morning.
- Be at school on time. School officially starts at 8:50am and this is when the register is taken.
- 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.

CORRECT WINTER UNIFORM

- White Shirt with Emmanuel yellow and navy tie or white polo shirt with Emmanuel crest.
- Emmanuel jumper or cardigan
- Grey Trousers / Navy skirt or dress.
- Black shoes and white (g), grey (b) socks
- No jewellery
- No nail varnish
- Yellow, white or navy hair bands

PE UNIFORM

- Yellow Emmanuel T-shirt
- Navy shorts/ tracksuit bottoms
- Plimsolls
- No tights for PE!
- LABELLED uniform
- SEE OFFICE TO ORDER ANY UNIFORM.

SNACKS & LUNCHTIME

Healthy snacks for play time - no crisps, chocolate or nuts. They can access water from the fountains. It is recommended they bring a water bottle to have in class. Please see the Packed Lunch Policy for more information.

If there is a concern...

Children- worry box, circle time, 'Let's Talk' with Mrs Watkins.

Parents/Carers- Please arrange an appointment at pick up or drop off or contact the school office.

HOMEWORK -

Homework is handed out on a Friday and is due in on Tuesday however if they hand it in on Monday they will get 5 house points!

Reading for pleasure - Children should read for at least 20 minutes every day at home. To encourage children to read for pleasure, they will be given a bookmark with a different character.

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.

KS2 Notes - 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.