

## Geography

We will be finding out all about the journey of a river from source to sea. The children will carry out a local river study and trace the source of the River Douglas.

As part of this topic the children will learn about the Water Cycle and carry out practical investigations.

The children will use an atlas to find rivers of the UK and world.

Our main objectives will be:

- Use the language of rivers e.g. erosion, deposition, transportation.
- Explain and present the process of rivers.
- Compare how river use has changed over time and research the impact on trade in history.
- Research and discuss the water cycle.
- Draw diagrams, produce writing and use the correct vocabulary for each stage of the water cycle.
- Research and discuss how water affects the environment, settlement, environmental change and sustainability.

## Maths

In Maths, the children will continue to follow the White Rose Maths scheme of work supplemented with lots of different resources. Our first topic 'Multiplication and Division' will last for 3 weeks and will cover the following key objectives:

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables  
Write and calc math statements for x and + using the tables they know, including 2-digit numbers times 1-digit numbers, using mental and formal written methods.  
Solve probs and missing number probs, involving x and +, including integer scaling probs and correspondence probs in which n objects are connected to m objects.

This will be followed by a week on Money: 2 weeks on statistics: 3 weeks on length and Perimeter finishing the term with 2 weeks on Fractions.

Daily Arithmetic and Times Tables Practice will take place with our Maths Ninjas and our weekly tables test every Friday.

## Year 3 Spring Rivers



## English

Our Literacy curriculum will use the range of language-rich texts below to support reading, understanding and writing.

A River Story

Journey to the River Sea  
By Eva Ibbotson



Stone Girl; Bone Girl

The children will continue to build on their knowledge and understanding of reading and texts using our school reading character, 'RIC'. There will be regular opportunities to skim, scan and text-mark/highlight quickly and efficiently to retrieve information from given texts.  
Inferring meaning using evidence from the text and wider experiences and articulating and justifying answers, arguments and opinions will be some of the skills they will practice.

In their writing the children will use an increasing range of sentence structures and richer vocabulary. We will be looking in more detail at fronted adverbial and conjunctions. They will be taught to organise their own material effectively by writing in paragraphs. They will spend time comparing their own work and that of others and add improvements to their texts. Weekly opportunities will be given to help support pace and writing stamina through applying the skills taught through a range of genre writing including:

Narrative: First person narrative imagining they are a water droplet moving round the water cycle.

An Explanation about the water cycle  
Instructions: How to make Metamorphic Rock Cakes  
Biography of Mary Annings

Handwriting will continue to be an important daily feature in Y3 where they will be expected to join their handwriting with all letters the same height and the correct distance apart. This term we revisit the trickier letter joins.

## Computers

Our focus this half term is developing their skills when using word. We will then move onto Animation where they will create an animation explaining the process of the Water Cycle.

## PE

Supported by Mr Davies, the children will develop flexibility and control in gymnastics; core fundamentals with a focus on 'balance' and Yoga.

## Supplementary Music

Wigan Music Service will deliver the music curriculum this half term. This will be supplemented in class where the children will take part in singing songs, following the tune (melody) with accurate pitch and using expression. They will take part in weekly Hymn Practice.

## Supplementary DT

The children will have the opportunity to make 'metamorphic rock cakes' to support our Science topic in Spring term 2. season's they can be eaten as part of our Stone Age Day.

## Science

**The children will work scientifically on a range of skills as they investigate and explore Forces and Magnets.**

**Our key objectives for the topic include:**

Notice that magnetic forces can act without direct contact, unlike most other forces

Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials

Predict whether two magnets will attract or repel each other, depending on, for example, which way the poles are facing

After half term, we will move onto our next topic - Rocks where the children will:

Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties

Describe in simple terms how fossils are formed when things that have lived are trapped within rock

Recognise that soils are made from rocks and organic matter.

## Come & See RE

We begin our term finding out all about Journeys. The children explore their journey in life so far and then move onto to find out about the Church Journey through the year looking in-depth at the Liturgical Calendar.