

**English:**

We will study a picture book called Flotsam by David Wiesner in order to build our visual literacy and vocabulary so that we can write our own water inspired poetry. As well as using a wide variety of non-fiction texts to help us find information, and to write information reports about water, we will also write an explanation of the water cycle.

In the second half of the term, we will be reading and re-telling the story of Spartacus to help us develop characters, settings and plots for our own stories.

**Maths:** We will continue to strengthen our understanding of place value for numbers with up to 4 digits. We will use this knowledge to help us understand the formal calculation methods. Throughout the term, we will have a keen focus on applying our number knowledge to problem solving situations and we will practise using full sentences to reason about number, shape, measure and statistics. Please keep learning and practising all times tables and basic number facts at home!

**Science:** Our two main science topics this term are **States of Matter** and **Sound**. We will work scientifically when we look at how different materials change when heated or cooled, and then carry out experiments to identify the effect of temperature on the rate of evaporation. When we study sound, we will learn about how sounds are made and, through simple tests and experiments, notice the link between vibration and sound. We will also explore how different factors can change pitch and volume.

**History/Geography:** Through our topic on water, we will strengthen our knowledge of the world's main continents, oceans and rivers and be able to identify the position of the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle. We will learn about the key aspects of rivers and the water cycle and consider the importance of water as a life-supporting resource for us on Earth. In the second half of the term we will shift our focus to History as we learn all about the impact of the Romans in Britain. We will visit the Museum of London to look at artefacts from this period and begin to use this evidence to build up a picture of the past.

### Autumn Term 2019 Year 4

First Half Term – A Drop in the Ocean  
Second Half Term – Meet the Romans

**PSHCE:** This term we will start by agreeing a class charter and learning about the link between rules, rights and responsibilities. We will investigate the UN Convention on the Rights of the Child and develop our skills of working together and making everyone feel valued. We will also continue to learn how to use our BLP attributes to make us successful responsible and ready learners.

**RE:** The main religions we cover this year are Hinduism, Sikhism and Christianity. Through the theme of **Belonging** we will **make links to our own** and other world religions too. As we approach Christmas we will consider the concept of celebration and think about celebrations in our own religions too.

**Art and DT:**

In Art we will be learning water colour techniques to create octopus skin. We will take inspiration from Katsushika Hokusai's 'The Wave' to produce our own water colour paintings and learning different line drawing techniques to recreate Van Gogh's Boat from the Sea. In DT we will design, make and evaluate Lego models of a Roman town.

**Music:** This Year we will be involved in the **Wider Opportunities Programme** (recorder/violin)

There is a focus on four strands:

1. Behaving Like a Musician (BLAM)
2. Instrumental technique
3. Music literacy
4. Musicianship

In singing we will focus on audience and body balance.

**PE:** Throughout the year will continue with our weekly swimming lessons. In our second PE lesson this term, we will work on improving our ball skills (striking, passing and receiving) by learning Invasion Games including bench ball and football.

**Computing:**

**"We are meteorologists"** Using Microsoft Excel the children will bring together data measurement, analysis and presentation.