



**Emmanuel Primary School**  
Year 5 Topic Sheet  
Spring 1 and Spring 2 2018  
**Topic: Enough for Everyone?**

**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 '**Floodland**' by Marcus Sedgewick. The novel is set in a dystopian future in which much of Britain has flooded and the main character, Zoe, has to fight for survival to be reunited with her parents. 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. After half term, we will be moving onto looking at the Highwayman by Alfred Noyes. *Spelling:* We will begin to learn spellings from the Y5/6 and the words from the list.

**NUMERACY** - This term we will continue to consolidate an 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 (rotation, translation and reflection) and Fractions (mixed numbers and improper fractions).

**P.E** - This term children will have PE on a **Thursday** morning with Mr Spadaccini, focusing on health and fitness, and on a **Tuesday** with Ms Hall focusing on dance. 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 continue learning a brass instrument

**SCIENCE - Properties of materials**

This unit will teach the class about different materials, their uses and their properties as well as dissolving, separating mixtures and irreversible changes. The children will sort and classify objects according to their properties. They will explore the properties of materials to find the most suitable material for different purposes. The children will work scientifically and collaboratively to investigate the best thermal insulator to make a lunchbox, making prediction and forming conclusions.

**GEOGRAPHY, AUTUMN 1: Enough for Everyone**

Children will be thinking about the needs of a settlement, and the needs of the planet as a whole. They will find out where resources such as power and food come from and look at ways in which natural resources can be conserved. After looking at the idea of a carbon footprint, we will consider how our actions impact others around the world and think about the changes we could make to ensure that natural resources are protected.

**HISTORY, AUTUMN 2: Local History: Kenwood House**

After half-term, we will be looking at local history and focusing in particular on Kenwood House and Hampstead Heath. We will be using a range of different sources to explore and understand how the house, and the people who lived in it, changed from the eighteenth century to the twenty first century.

**PSHE** - This term in PSHE we will be looking at our emotions and how to understand and control them. We will also be looking at different patterns of migration and gender stereotypes.

**R.E - Spring 1: The Five Pillars of Islam**

In the first half term, we will be looking at the five different pillars of Islam, what they mean to Muslims and how they affect their religious practices and their everyday life.

**Spring 2: What happens in Churches at Easter?**

After half term, we will be looking at the Easter Story, understanding the key events of lent and Easter and learning about Easter church services.

**ART and DT:** This term we will be looking at seasonable cooking in DT. We will be learning about how ingredients are grown, when they grow and understanding what a balanced seasonal meal will look like. After half term we will be looking at the art and architecture of Kenwood House.

**COMPUTING** - This half term we will be focusing on coding and will be using a variety of tools and websites to explore how to plan, create, write and debug a computer game.