



Earth Matters

Year 4 Spring Term 2022

Our topic during the Spring term is all about our world. We will be visiting the Thames Water Sewage works, where we will explore the human impact on the world.



English

All children will be involved in a daily shared/guided reading session and will take part in a weekly reading comprehension lesson referred to as 'Book Talk'.

Our class reading book will be 'Wilderness War' by Julia Green and 'Under the Weather' by Tony Bradman. For our English sessions, we will be using the book 'The Secret of Black Rock' to develop our adventure story writing skills and describing settings. We will be reading stories based on another culture focussing on Wangari's Tress of Peace: A story from Africa and create a letter to a local MP describing their tree planting project and how it will benefit our world.

We will work on spelling rules and strategies and continue to learn the words stipulated in the National Curriculum spelling lists for Year 3&4. Children will also continue to develop their handwriting and begin to join their writing.

Maths

Year 4 will cover the following topics:

Multiplication and Division: Recall and use multiplication and division facts up to 12 x 12, recognise and use factor pairs, multiply 2 & 3 digit numbers by a 1 digit, solve problems.

Fractions: Recognise common families of equivalent fractions, count up and down in hundredths and tenths, add and subtract fractions.

Measurement: Measure, compare lengths. Finding the area and perimeter of shapes.

PE

Our PE day will be a Tuesday where we will be developing our gymnastic skills. Children will be swimming on a Friday.

As **Geographers**, children will be learning to identify the key physical and human characteristics within countries and major cities e.g. rivers, mountains, capitals, landmarks. Children will undertake environmental surveys and weather surveys, and interpret data. They will locate a range of the world's most significant human and physical features and they will be able to explain using evidence to support their argument, the impact of humans on the earth.

As **Musicians**, children will be given opportunities to appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians. Pupils will have the opportunity to learn and play music from other traditions. Children will then make junk instruments. Children will then create rhythmical patterns on their instruments and perform to class

Science

States of Matter

- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled.
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Children will be able to sort materials into solids, liquids and gases, explain that heating causes melting, and cooling causes freezing, identify the melting and freezing point of water and describe evaporation and condensation using practical examples. Children will take part in a variety of STEM activities. Children will complete a simple fair test and make predictions, record their findings and present them in a variety of ways.

PSHE

Our values this term are **Compassion** and **Respect**. We will begin the term with the topic 'Staying Safe'. Children will then discover how they can be their best during the topic 'Going for Goals'.

Art and DT: Children will develop their textiles, weaving and colouring fabric skills further. They will be introduced to the skill of stitching. In DT, children will be completing the project 'Let's go fly a kite' where they will design, create and evaluate their own kite.

RE

This term our key questions are;
-Is a Jewish/ Hindu child free to choose how to live?
-Does Easter make sense without Passover?

Computing

Our key questions this term are;

-How do we edit work on a desktop publisher?

-How do we use stop frame animation?

French

We will be recapping our basic vocabulary. We will then be covering months of the year and begin to look at food.