

# Water, Water Everywhere...

## English

We will be studying the books Floodland by Marcus Sedgewick and Treasure Island by Robert Louis Stevenson. We will be writing explanation texts to explain the causes and effects of tsunamis. We will be studying the poem The Rime of the Ancient Mariner.

## Science

Our topics in science this term will be Electricity and Light.

We will be building circuits and carrying out experiments to see the effects of changing **components**.

We will also be exploring how light travels, how light enables us to see and how light can be **reflected** and **refracted**.

## Geography

We will be learning about the **water cycle** and understanding the journey that rivers take. We will also be looking at the possible impact that **global warming** is having on climate change and flooding through a study of **Storm Desmond**. Finally, we will be understanding the causes and effects of tsunamis, looking at the Japanese tsunami of 2011 as a case study.

## Year 6 Autumn Term

Welcome to our Autumn Term Curriculum Flyer. This is a brief overview of our learning this term. Please use this information to support discussion of learning at home. If you have any questions or concerns, please see me at the end of the day or contact me via email.

Mr M Rawes

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## Art/D.T

In art, we will be studying **impressionist art** with a focus on Monet's water paintings.

In DT, we will be applying our work in science by designing and building working lighthouses.

## Music

We will be learning to sing and play instruments along with I'll be there by The Jackson 5. We will also be learning about Jazz music.

## Maths

We will be developing our understanding of place value in numbers up to 10 million. We will also be consolidating our understanding of the four operations and applying these to multi-step worded problems. As well as this, we will be spending a considerable amount of time on fractions, learning how to **simplify** and order them, find **equivalent** fractions and

## Computing

We will be learning how to use and create our own **spreadsheets** using Microsoft Excel. We will be learning how to use formulas to make efficient calculations on a range of numbers and applying our knowledge of these to solve real-life problems.

## R.E

We will be studying Buddhism by identifying its key teachings

## P.E

We will be learning to play tag rugby and football.

## Home Learning

Weekly home learning is sent out on a Friday and is due on a Wednesday. Children should read or be read to every day and regularly practise their times tables.

## Home Learning Bingo:

Your child will be set 12 tasks that relate to the topics studied across the curriculum this term. Should they complete all 12 tasks, they will be awarded a Head Teacher's merit. The idea is that the children complete these tasks **independently**.

Due date: Wednesday 13th December

## E-Safety

Please ensure that all children using any device that can be connected to the internet is supervised. Talk to your children about staying safe online and visit our school website for more information on staying safe online.

## PE Kit and Clubs

PE kit should remain in school during each half term. An additional PE kit should be provided for clubs.

## Glossary of key vocabulary

This is a list of some of the key vocabulary for the learning this term.:

**Components** - The individual parts of an electrical circuit e.g. battery, cell, switch, bulb etc.

**Global warming** - The increase of the Earth's temperature which scientists argue is causing greater extremes of weather and sea-levels to rise.

**Impressionist art** - A 19th Century artistic movement which shows blurry "impressions" of outdoor scenery through a focus on light and colour.

**Reflection** - The process in which light "bounces" off a surface rather than being absorbed by it.

**Refraction** - The "bending" of light waves as they travel through objects that are more dense than air.

**Spreadsheets** - A digital model that contains rows, columns and cells which enable people to carry out mathematical calculations and process large volumes of data at speed.

**Storm Desmond** - A storm that occurred in the UK and Ireland between the 3rd and 8th December. It was notable for causing flooding in parts of the Cumbria, Lancashire and Scotland.

**Water cycle** - The continuous movement of water around our Earth through evaporation, condensation and precipitation (rain).