



Year 6 Curriculum Newsletter: Spring 1



This half term our topics are: *Can the world survive humans? (Geography)*
How are humans able to run a marathon? (Science)

English

For English we will be studying:

- Floodland
- The Giant's Necklace
- Non fiction writing linked with science

The genres of writing we will cover include, narrative writing, letters, explanation texts and newspaper reports.

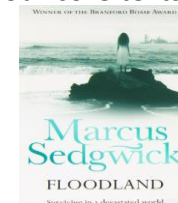
Key Vocabulary:

Parenthesis, subordinate clause, inverted commas, cohesion

Useful Links: <https://www.bbc.co.uk/bitesize/topics/zwwp8mn>

Reading

Each week we will be studying texts and developing our READ skills (Retrieval, Exploring Text Vocabulary, Analysing Text layout and structure, Deduction and Inference Skills) Over this half term our core texts will be Floodland and The Giant's Necklace.



Please encourage your child to read daily and listen to your child read at least once a week and record this in their reading record book.

Maths

For maths we will be studying angles, fractions, decimals and percentages, using and applying skills, factors, multiples, prime numbers, area, perimeter and volume.

Key Vocabulary: area, perimeter, volume, per cent, reduction, profit, equivalent

Useful Links: <https://www.topmarks.co.uk/Search.aspx?Subject=16>

Science

In science we will be studying:

- the human circulatory system
- recognising the impact of diet, exercise, drugs and lifestyle on the way our bodies function
- Describing ways in which nutrients and water are transported within animals and humans.

Key Vocabulary: heart rate, pulse, oxygen, nutrients, blood vessels, carbon dioxide

Useful Links: <https://www.bbc.co.uk/bitesize/articles/z9w9r2p#z4sjsg>

Geography

For geography our 'Big Question' is:
Can the world survive the humans?

We will be using maps, atlases, globes and digital/computer mapping to locate countries and describe features studied in human geography. We are also learning about the impact of human activity on the world.

Key Vocabulary: pollution, climate, time zones, temperate, arctic, arid, equator

Useful Links: <https://earthshotprize.org/>

Art & Design

For art & design we will be combining different materials (included recycled materials) to create 3D models.

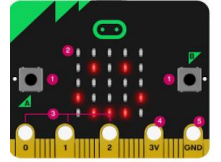
Key Vocabulary: media, composition, texture, evaluate

Useful Links:

<https://www.bbc.co.uk/bitesize/topics/zyxp3qt/articles/z8sg8p3#zjv4jfr>

Computing

For computing we will be studying how code using algorithms with Microbits.



Key Vocabulary: code, Microbit, algorithm, editing

Useful Links: <https://microbit.org/>

R.E

For R.E we will be studying 'Sources' and 'Unity'.

Key Vocabulary:
Prophecy, gospels, epistles, reference, new testament, community

Useful Links:

<https://www.bbc.co.uk/bitesize/subjects/z7hs34j>

Music

For music we will be studying with Mrs Longhurst. Children will learn about famous composers and analyse well-known pieces of music.

Key Vocabulary: practice, reading, analyse

P.E

For P.E we will be studying gymnastics. The children will learn to create their own gymnastics sequences incorporating apparatus to develop flexibility, strength, technique, control and balance. They will perform and evaluate performances.

Key Vocabulary: forwards, backwards, counter balance, tension, roll