

# Wrawby St Mary's C of E Primary School

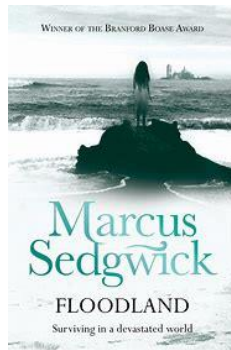
## Year 5 Autumn Term 1 2022



### Reading

Our class reading for pleasure book is Flood Land by Marcus Sedgwick.

Flood land is a futuristic fantasy book, the book is set in the near future where most of the United Kingdom is covered by water. The story is about a ten-year-old girl named Zoe who is left behind, after her parents leave the island before the floods. She lands on tiny Eels Island, where she must survive in a nightmarish world run by wild children and their boy-leader, Dooby. This links very closely to our geography unit this term, which looks at climate change.



### Maths Skills

This half term, will be focusing on:

**Number: Place value** - reading, writing, ordering and comparing numbers up to one million (1,000,000) and determine the value of each digit. To round any number up to one million to the nearest 10, 100 and 1000. To read Roman Numerals up to 1000 (M) and recognise years written in Roman Numerals. We will be able to solve number problems and practical problems that involve all of the above.

**Number: Addition & Subtraction** – Add and subtract whole numbers with more than 4 digits using efficient methods, both mental and formal written methods (Columnar addition and subtraction), and solving multi-step problems in context, deciding which methods to use and why.

**Measurement: Perimeter and Area** - Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres, calculate and compare the area of rectangles and squares, including using standard units ( $\text{cm}^2 / \text{m}^2$ )

### Geography

This half term, we will be learning about 'What is Climate Change?' We will discover what climate is, how climate changes in different parts of the world, what is happening to our Global climate and why are these changes occurring and how does this impact the natural world?

**RE** - This half term, we are exploring Hindu world views and will be learning about key beliefs and concepts such as; Brahman, Trimurti, Brahma, Atman, Vishnu, Samsara, Ahimsa, Satsang, Moksha, Dharma and Shiva.

### Art

This half term, our Art will link to our Geography learning about Climate Change. We will discuss examples of artwork created for the 'Paint for the Planet' exhibition back in 2008 and use these as inspiration for our children to send their own messages to the world concerning their feelings about climate change through paintings using the skills and techniques this half term.

### Literacy Skills

Our focus this term, will be looking at writing a persuasive piece of writing. With our final piece also linking to our geography unit where the children will write a persuasive letter to the Head to reduce paper usage within schools and link this to climate change. Within this unit, we will look at lots of different persuasive features such as; rhetorical questions, emotive language and superlatives and use them within our own writing. We will also focus on conjunctions and fronted adverbials to create cohesion in our writing.

In the second half of the autumn term, we will write a narrative based off the book 'The Nowhere Emporium' by Ross MacKenzie.

### ICT

This term, children will be learning about computing systems and networks. Children will: develop their understanding of computer systems and how information is transferred between systems and devices, consider small-scale systems as well as large-scale systems, explain the input, output, and process aspects of a variety of different real-world systems. Children will also discover how information is found on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines.

**PSHE** This term, we will look at a unit called 'Being me in my World' – We will cover things such the year ahead by identifying hopes for the new school year and learning how to face new challenges positively.

**PE** Children's designated PE days will be Tuesday and Thursday. Children need to bring their PE kit into school on a Monday and take it home on a Friday. Please ensure all kit is clearly named.

### Science

This term, our science focus will 'Forces.'

By the end of this term, children will be able to:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect