

## Maths

We will initially continue to focus on decimals. We will start by dividing 1 and 2 digit numbers by 100. We will look at how to create a whole using decimals and then compare, order and round decimals. We will finish our decimals module by looking at how halves and quarters are represented as decimals. We will then move onto looking at pounds and pence. We will order and estimate amounts of money and recap giving change. We will also solve problems using all 4 operations. Finally, we will move onto recapping time with a focus on converting digital times to 12 and 24 hour clocks.

## Geography

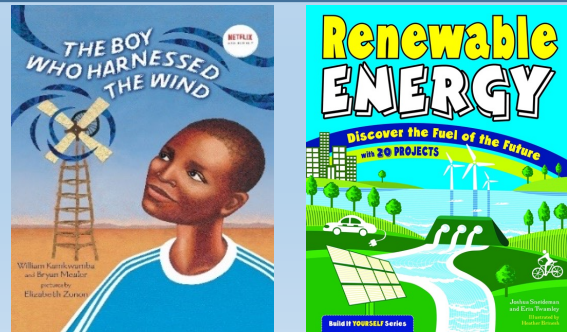
Geography will be our main topic focus this half-term. We will look at the link between climate and weather and about different biomes and the impact of climate change. We will begin to understand what contributes to air pollution and to comment on changing land use patterns in the UK.

## English

This half-term in English, we are going to be focused on books about renewable energy. We will learn to use prepositional phrases to enhance descriptive writing and to move the reporting clause in direct speech. Using *The Boy Who Harnessed the Wind*, we will write an informal recount in the form of a diary entry. We will then contrast that with a formal recount in the form of a newspaper report. While reading, we will learn to find and retrieve information from a range of texts and to debate a range of topics related to renewable energy.

**What is renewable energy and why is it important?**

### Texts:



## RSHE

We will cover 2 modules this half term: 1 on tricky friendships and 1 on puberty. In the first topic we will learn about peer pressure and how to ask for help. We will learn about the 'pants are private rule' and the right to say no. We will explore self-esteem and to recognise personal strengths and qualities before finally learning about treating others respectfully in relationships. In the second topic we will look at healthy hygiene, healthy diets and the development of a body from womb to adulthood.

## School of Sanctuary

We will look to understand our role in protecting the environment for future generations around the world and to recognise the impact from a changing climate.

## Physical Education

We will learn to develop agility skills focussing on reaction and response. We will also look to apply a range of skills with good control and consistency

## Art

We will learn to understand how art can be used to raise awareness for global issues. We will then move on to use a variety of techniques to produce our own art related to climate change.

## RE

We will learn about why there is so much diversity of belief within Christianity. We will learn about the different denominations in Christianity and how they formed.

## Computing

Our computing this half-term will focus on programming. We will be using a programming language called Logo to discover how to basic inputs in a programming language, how to use repetition to make our code more efficient, to learn how to chunk blocks of code to make it more useable and how to debug to fix errors.

## French

We will learn about 10 different shapes, the indefinite article that goes with each one and recap the numbers to 5.



## Optional Activities:

### **Maths:**

- **Times tables** (TTRockstars or <https://www.timestables.co.uk/multiplication-tables-check/>).
- Practise working out change with money
- Coin rubbing – can you add together the totals?

### **English:**

- Keep a journal or diary documenting all the things you do to help the planet.
- Research famous climate change activists, such as Greta Thunberg, and create a fact file for them.

### **Topic:**

- Research artists who use waste and recycled materials to create artwork and create your own piece of art in this style.

## Key Vocabulary

Vocabulary	Meaning
Renewable energy	A source of energy that will not be used up and can be renewed.
Non-renewable energy	A source of energy that will be used up and cannot be renewed.
Fossil fuels	Energy sources that form over million of years from dead plants and animals
Carbon dioxide	A gas that is vital for life but which is released when burning fossil fuels and is a cause of climate change
Greenhouse effect	The method by which greenhouse gases trap heat in the atmosphere leading to rising temperatures
Climate	Weather patterns over a long period of time
Climate change	describes a change in the typical weather for a region — such as high and low temperatures and amount of rainfall — over a long period of time