

### Key Vocabulary

carbon footprint climate change deforestation drought  
economic sustainability environmental sustainability finite  
flooding global warming greenhouse gases  
non-renewable energy recyclable renewable energy  
social sustainability unsustainable

### As Geographers we will...

identify the impact of human activity on the natural world. As a result of this, we will then be able to explain the cause and effect of specific problems the world faces, including climate change. We will identify key issues in our immediate locality and suggest changes that can be made to start to slow down, or reverse damage done, which will also contribute towards the Sustainable Development Goals. Alongside this, we will make links with our prior learning about biomes and further develop our understanding of how individuals have a responsibility to move towards sustainable living.

### As Scientists we will...

make links with our prior learning of light and shadows from Year 3, building on our knowledge of light sources, shadows and properties of materials. We will develop our understanding of how light travels and investigate the effect that this has on the size and shape of shadows, recording, presenting and evaluating data. In addition to this, we will investigate reflection, including how it enables us to see, and make periscopes to demonstrate and explain our knowledge. We will also learn about refraction, the spectrum of light and its role in Isaac Newton's Theory of Colour, investigating how light is composed by making 'Newton Discs'.

### In Jigsaw we will...

explore the theme, 'Relationships'.

### In PE we will...

develop our teamwork skills as we compete and cooperate in various different physical challenges.

### In RE we will...

explore the theme of 'Hopes & Visions' through the question, 'What is life about?'

### In MFL we will...

develop our oral and written grammar in French in order to communicate about our own homes.

## Year 6 - Summer 2024 Waste Not, Want Not



### In the Arts we will...

make links with our prior learning about electrical systems in science and programming in computing to design a product for a given real-life context that utilises monitoring and controlling sensors in DT.

In music, we will listen to and appraise pop music since the year 2000, identifying musical features, including instruments and musical structure, as well as developing our understanding of the musical style and how this has developed from music of the 80s and 90s.

### As Readers we will...

read and explore a wide range of texts including fiction, non-fiction and poetry. We will also develop our vocabulary knowledge, clarifying and exploring unfamiliar phrases in the context of the story.

### As Writers we will...

develop our skills in creating effective dialogue and building tension and suspense to create adventure stories. Alongside this, we will explore the structure and features of an explanation text in order to create our own, inspired by the main character in 'Dreamgiver'.

### As Mathematicians we will...

consolidate our knowledge of shape, measurement and measuring and calculating angles.

Following on from this, we will revise our skills of interpreting different types of data presented in pie charts and line graphs before consolidating our knowledge of number and the four operations.

### In Computing we will...

develop and apply our programming skills to a physical device: the Micro:bit. Using our prior knowledge of sequencing, repetition, conditional selection and variables, we will create our own step counters.

Alongside this, we will consolidate the knowledge we have developed through our e-safety sessions in previous years, identifying the key steps in order to stay safe online when communicating and how to be a responsible citizen in the online community.