

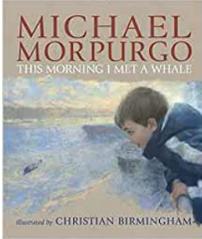
# Y6

# Climate Warriors

Our unit of enquiry is **Climate Warriors**. We will be exploring the causes of climate change the impact that it is having on the environment and the potential ways that we can prevent and mitigate the damage in future. The children will explore the powerful activism of Greta Thunberg and how her powerful speeches, collected together in *'No On Is Too Small to Make a Difference'*, have provoked greater attention and response to the issues.



Spring Term 1

<b>MATHS</b>		<b>GEOGRAPHY</b>			
<p>The children will continue to explore fractions this term learning both to multiply and divide fractions and apply this knowledge in concert with the prior learning to multi-step word problems. This learning, will then act as a spring board to explore decimals and percentages and how to convert between these three mathematical concepts. This learning will help to conceptually underpin finding percentages of an amount and multiplying by decimals.</p>		<p>The children will study the causes of climate change using data and statistics to support their understanding of it the scientific evidence supporting. The children will explore what the potential impacts of climate change will be through desertification, drought, deforestation, flooding and severe weather events.</p>			
<b>ENGLISH</b>		<b>PSHE</b>	<b>DT</b>	<b>RE</b>	
<p> No one can doubt the impact that Greta Thunberg has had on the world since her school strikes in 2018. We will be reading a collection of her most powerful speeches – ‘No One is Too Small To Make a Difference’ – then using these to help us write persuasively on the issue of climate justice. Early on in the term, the children will prepare and participate in a climate trial, putting ‘adults’ on trial for the damage done to the environment. We will use these arguments to rehearse ideas for a letter to write to Parliament, persuading MP’s that children and young people need greater participation in decision making on policy surrounding climate change.</p> <p>Later in the term, we will read Michael Morpurgo’s powerful book ‘This Morning I Met A Whale’. Using the concept of a whale warning us of impending disaster, the children will write a narrative from the perspective of another animal facing the immediate threats of climate change. They will aim to use direct speech and descriptive language to convey the devastation that is starting to unfold.</p> 		<p><b>Dreams and Goals</b> Developing entrepreneurial skills to aid the children in working with money and understanding their financial capability. The children will explore how can generate money that could be used to support others less fortunate alongside age appropriate skills to support them in their potential future work place.</p>		<p><b>Sustainable Products</b> The children will be exploring sustainability in design. They will investigate and evaluate which materials are sustainable and why and what impacts their production and supply chain may have on the planet. Finally the children will design and make their own sustainable product.</p>	<p><b>“Is it better to express your religion in arts and architecture or in charity and generosity?”</b> We will explore this idea contrasting religious responses mainly from an Islamic and Christian tradition while also considering a humanist perspective on the ideas.</p>
<b>SCIENCE</b>		<b>PE</b>			
<p>This unit builds on from our prior learning in Year 4. Children will learn to represent circuits using symbols in a diagram. They will learn about two of the most important scientific inventors in the field of electricity – Thomas Edison and Nikola Tesla. Children will get the opportunity to develop their understanding of what electricity is and how to measure it. As well as conducting their own investigation, they will get the opportunity to create their own torch</p>		<p><b>Tag Rugby</b></p>  <p><b>Fitness</b></p> 			
<b>MFL</b>	<b>COMPUTING</b>	<b>MUSIC</b>			

**Do you have a pet?**

The children will repeat recognise and attempt to spell eight nouns (including the correct article for each) for different pets in Spanish. We will learn to ask and tell other people about pets we do/don't own. At the end of the unit, the children will try to use a longer phrase using the Spanish conjunction "y".

**Coding Python**

Python is a programming language used in business and industry. The children will be able to write algorithms to produce geometric designs involving position, direction, and recursive commands.

**Melody and Accompaniment**

This term the children will be learning to develop their understanding of melody and accompaniment textures in music. Using a bank of songs, the children will learn and perform additional parts to their songs and then use their understanding of repeated patterns to transfer these to instrument eventually composing their own pieces with a melody and accompaniment texture.