

Year 5 Autumn Term 2 – Knowledge organiser



Topic: Investigation and curiosity	Concepts: Sustainability, choice, power, consequence	Essential Question: What will our world look like in ten, twenty and fifty years?
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VOCABULARY	DEFINITION
ENVIRONMENTAL IMPACT	The direct effect of socio-economic activities and natural events on the environment
CLIMATE	The long-term pattern of weather in a particular area
TRADE	The action of buying and selling goods and services
DEFORESTATION	The action of clearing a wide area of trees.
CONSEQUENCE	A result or effect, typically one that is unwelcome or unpleasant
PREJUDICE	Attitudes about a person or group simply because the person belongs to a specific religion, race, nationality, or other group
BRAHMAN	A member of the highest Hindu caste, originally that of the priesthood

Natural resources



Trade



School values for...

November: Kindness

December: Helpfulness



Know how to:

Debate ongoing issues regarding environmental impact of deforestation.

Describe the actions of some organisations to halt/slow deforestation.

View current environmental issues from multiple points of view.

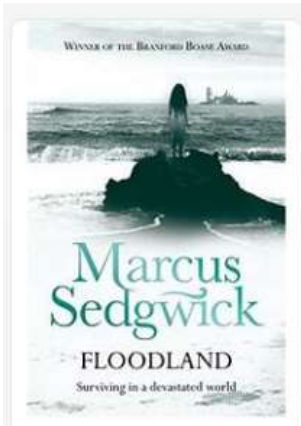
Effectively utilise present and past simple tenses in a piece of writing.

Ensure that expanded noun phrases are carefully selected and appropriate through developing topic-specific vocabulary.

Begin to understand and use rules of multiplying and divisibility.

Identify, name, and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths

Our lead text:

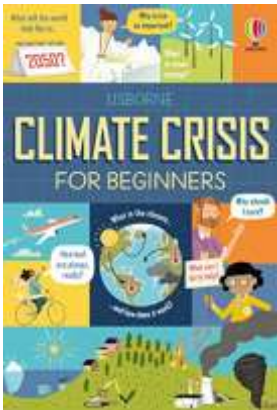


For guided reading you could read “The last bear” by Hannah Gold and “Flood land” by Marcus Sedgwick and then compare and contrast the two stories.

We will be reading Climate Crisis for Beginners by Andy Prentice, which is a non-fiction text outlining the current issues surrounding climate change, detailing natural and human causes as well as they’re consequences.

We will be using this as a stimulus for writing to inform and writing to persuade, exploring features of information texts through news reports and persuasive texts through the lens of campaigns.

This text will bridge the gap between our understanding of the Amazon rainforest from Autumn 1 and the key concept of consequence throughout this term.



Mathematics – multiplication and division, fractions:

- Multiples and factors
- Prime, square, and cube numbers
- Multiplying and dividing by multiples of 10
- Adding and subtracting fractions
- Converting between mixed numbers and improper fractions

1										
1/2			1				1/2			
1/3		1/3			1/3		1/3			
1/4		1/4		1/4		1/4		1/4		
1/5		1/5		1/5		1/5		1/5		
1/6		1/6		1/6		1/6		1/6		
1/7		1/7		1/7		1/7		1/7		
1/8		1/8		1/8		1/8		1/8		
1/9		1/9		1/9		1/9		1/9		
1/10		1/10		1/10		1/10		1/10		
1/11		1/11		1/11		1/11		1/11		
1/12		1/12		1/12		1/12		1/12		



Outdoor learning:

Looking at early photos of when the forest was cleared in 2021 and comparing to now – what differences are there and how has this occurred? What is the environmental impact of humans on our forest area and how are plants and animals affected by our presence at forest school?

RE: We will be learning about Hinduism, specifically the concept of Brahman

PE: Yoga and Tag Rugby invasion games

Food Technology: Sustainability and responsibly alternatives to over farmed produce

Home learning Activities

Done ✓

Recreate a vocabulary list for Autumn 2 using the vocabulary on the knowledge organiser and drawing your own images for each term.

What are 10 ways you think we can show kindness and helpfulness in class? Record your ideas in any way you wish.

Research some organisations that fight against climate change. Imagine you were the creator of one of these – design a webpage for your own organisation with relevant information on A4 paper.

Research one cause of deforestation in the Amazon rainforest and create a news report on A4 paper, including causes, consequences, and solutions.

Design your own fraction wall poster.

Have a look through your food at home and take photos of any symbols or information on food packages that address sustainability.

In time to a song of your choice, create and perform / record a gymnastics routine involving a variety of skills and sequences.

