

CHANGES

Explore Project with Geography focus: Human and Physical Geography **Key Concepts: Change, Stewardship, Morality** **Key enquiry questions: What is climate change and how does it affect us? Are we all stewards of our planet? What moral obligations do we have to do our bit to protect and save our planet?**

Introducing our project: what are our key concepts and what do they mean?

Discussing our key concepts and the different contextual meanings. Creating mind maps and generating enquiry questions.

What does the word 'climate' mean?

Exploring the world's different climate zones and locating countries within each climate zone.

What are biomes and how are they different to climate zones?

Exploring the different biomes in the world and how they are determined according to the climate, landscape, flora and fauna.

What is life like in a tundra biome?

Exploring and researching the Arctic and Antarctic regions (linked to our class text)

How is climate change affecting our sea levels?

Exploring the effects of climate change on our sea levels and the impact this will have on coastal areas, including the Essex coastline. Plus, exploring how more frequent storms is leading to coastal erosion in our local area.

What can we all do to prevent climate change from getting worse?

Exploring different things that we can all do, including recycling, buying locally, using less electricity, switching off lights etc. designing posters to encourage people to be more eco-friendly.

In what other ways is climate change affecting our planet?

Exploring volcanoes and earthquakes and how these are increasing in frequency due to changes to our climate.

What is El Nino and what impact does it have on our weather?

Exploring strange weather phenomenon which develops on the other side of the world and how this can affect weather globally, leading to floods, drought, storms and tide surges.



Other curriculum areas:

English: Reading, writing, grammar, punctuation and spelling: recounts, non-chronological reports, narrative writing, poetry, explanation texts, informal letter

Class texts: *The Last Bear* by Hannah Gold

Maths: Year 3: Multiplication & division B, length & perimeter, fractions, mass & capacity **Year 4:** Multiplication & division B, length & perimeter, fractions, decimals

Science:

Year 3: Light **Year 4:** States of Matter

Music: Essex Music Services – Toots

P.E.:

1st half Gymnastics – floor & apparatus

2nd half Outdoor & adventurous activity, net/wall golf

French: Going shopping: at the bakery, at the butchers, at the café, Days of the week, Months of the year, Clothing and the body

R.E.: **Our big questions:** **1st half:** How do/have religious groups contribute to society and culture? (Hinduism/Christianity) **2nd half:** Why is there so much diversity of belief within Christianity? (Christianity)

Art: Painting with watercolours: landscapes through time Famous artist/craftsmen: [Constable](#) – local artist

I.C.T. and Computing:

1st half Programming A - sequencing sound

2nd half Data and information – branching databases

P.S.H.E.: Research, discuss and debate topical issues related to our project work

Spirituality: creation-loving, question-loving, stillness-loving, word-loving