

Red Kites Class – Spring term

Keen to be Green – Overview



Geography – Keen to be green

Learn about the processes that affect the human geographical features of the world. Understand the impact that human geography has on the world, including the causes and effects of climate change and global warming.

We will understand the impact of deforestation, looking at climate zones and vegetation belts.

Explore the difference between fossil fuels and renewable energy.

Learn about our own Eco footprint, including ways in which we can reduce food waste, plastic pollution and clothing waste.

Learn more about recycling and its value in preserving the world's natural resources.

What is happening to our bees – and can we help.

This will be tied in with an assembly and activities from Sussex Green Living and a trip to Ford Recycling plant.

Science – Fuel for Life

Identify and name the main parts of the human circulatory system.

Describe the functions of the heart, blood vessels and blood.

Describe the ways in which nutrients and water are transported within animals, including humans.

Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Understand that there are very small organisms called micro-organisms which can be harmful. These organisms bring about decay, which can be beneficial.

English – writing

Grammar/punctuation – use a wide range of techniques to create exciting and effective setting and character descriptions, using word choices to change and enhance meaning and punctuating with accuracy and flair. Advanced punctuation: colons, semi colons and possessive apostrophes.

Explore the correct use of a range of tenses through a range of writing.

Fiction writing – The diary of a T shirt, linked to clothing waste; an orang-utan's story; eco-poetry

Non-fiction writing- non-chronological report on melting icecaps; Balanced argument – the uses of palm oil; Information leaflet – different types of energy.; Persuasive argument – why we need to protect our planet.

Speaking and listening/drama will be integrated throughout, with particular emphasis on hot-seating, talk for writing and P4C (Philosophy for Children) discussion.

English – reading

Use the key texts of *Earth Stories*, *What a Waste* and *LOTS – the diversity of life on Earth* to explore and analyse.

Explore non-fiction texts linked to our topic

Retrieve information from a wide range of texts, to demonstrate comprehension and inference skills.

English – spelling

Increase knowledge and accuracy of homophones, prefixes, suffixes, exception words etc. as per National Curriculum.

Maths

As per strategy – focus on fractions leading into problem solving.

Mental maths skills – times tables and mental fluency.

Art

Printing - monotypes

Rainforest art

Waste monster sculpture

Music

Emerald Crown – an eco-musical combined with tuned and untuned percussion accompaniment.

DT

Textiles – combining different fabrics & recycled clothing design

Computing

IT will be used for research and to support the curriculum. We will also be doing video editing, flat file databases and programming micro-bits

RE

We will explore Creation and whether the science behind this is complementary or contradictory to religious beliefs. We will also explore the concept of salvation.

PE

Small group games and football skills.

PSHE – Protecting the environment, Digital resilience.