

What does it take to transform?

This term, we will be examining how climate change is impacting on our planet and our lives.

During the first half term, we will be analysing statistics and using map skills to locate areas of the world affected by climate change as well as show where and how this has affected our planet. Through persuasive speeches, we will be highlighting the severe impacts and beginning to look at ways that we can make a difference.

In the second half term, we will become artists, developing our sketching and observational drawing skills. Using the medium of watercolour batik, we will express how animals and their habitats are being affected by climate change visually, using the work of Hailey E Herrera as our inspiration.



Visitor:
Better Planet
Education
(virtual meeting)

Concepts:
Transformation
Duty
Media
Consequences

Outcome:
Exhibition
Date: Friday 11th
December (am)

Autumn 1

Maths

Place value: read and write numbers to 10,000,000; powers of 10; compare and order any integers; round any integer; negative numbers.

Addition, Subtraction, Multiplication and Division: add and subtract integers; common factors; common multiples; rules of divisibility; primes to 100; square and cubes numbers; multiply up to a 4-digit number by a 2-digit number; solve problems with multiplication; short division; long division; long division with remainders; solve problems with division; solve multi-step problems; order of operations; mental calculations and estimations; reason from known facts.

English

Persuasive speeches linked to climate change:

Skills: Use of persuasive techniques, including modal verbs; use of formality; use of technical language.

Narrative: The Explorer

Skills: Describing characters and setting; building tension and suspense; balancing action, dialogue and narration.

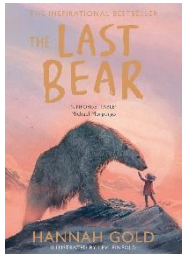
Science

Living things

Conditions for life, grouping organisms, classify animals, classify plants, micro-organisms, classify organisms using the work of Carl Linnaeus

Guided Reading

The Last Bear by Hannah Gold



Over the course of the half term, the children consolidate and develop their retrieval and inference skills, as well as make predictions based on evidence.

Autumn 2

Maths

Fractions: equivalent fractions and simplifying; compare and order; add and subtract fractions, including mixed numbers; multi-step problems; multiply fractions by integers and fractions; divide a fraction by an integer; mixed questions with fractions, fraction of an amount; fraction of an amount – find the whole.

Measurement – converting units: metric measures; convert metric measures; calculate with metric measures; miles and kilometres; imperial measures.

English

Non-Fiction: Art Analysis

Skills: Use of precise, technical language to describe and analyse the impact of artistic techniques within artwork; formal language

Narrative writing:

Context: The discovery of a mystical object.

Skills: Use techniques to build tension and suspense; select vocabulary choices to create an atmosphere; describe characters and setting in detail; use a variety of sentence lengths and structures for effect.

Context: Oliver

Skills: Describing setting and character; dialogue to advance the action and portray a character; balancing dialogue, description and action.

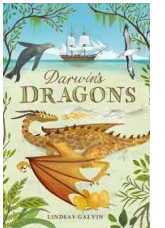
Science:

Electricity:

Construct and draw series circuits using symbols; complete and incomplete circuits; variations within circuits; voltage experiment.

Guided Reading

Darwin's Dragon
by Lindsay
Galvin



Over the course of the half term, the children develop their retrieval and inference skills, as well as summarise key events and comment on author's choice of language