

What does it take to transform?

This half-term, we will be examining how climate change is impacting 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 the use of spoken word, in the form of poetry and persuasive speeches, we will be highlighting the severe impacts and beginning to look at ways that we can make a difference.

Event:

**Wicked Weather Watch
(Virtual multi-schools event)**

Concepts:

Transformation

Duty

Media

Consequences

End outcome:

Exhibition

Date: Friday 13th

December

Time: 9am – 10:30am



In the second half term, we will use the medium of watercolour batik to express how animals and their habitats are being affected visually. We will be using the work of Hailey E Herrera as inspiration.

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 speech based on the work of Greta Thunberg

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

Poetry linked to the theme of Climate Change

Skills: *Use of figurative language, including similes and personification; use of repetition for effect; use of emotive language.*

Narrative: The Explorer

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

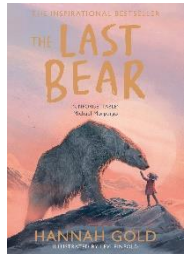
Science

Living things

Conditions for life, group organisms, classify animals, classify plants, micro-organisms, classify organisms and 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

Narrative writing based on the discovery of an egg.

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.

Biography based on Mary Anning

Skills: Use techniques to create cohesion; write in a formal tone; use parenthesis to add extra detail; use technical language.

Science

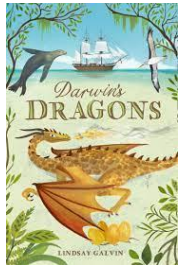
Variation: Variation; inheritance and characteristics

Adaptations: animal and plant adaptations; evolution; Charles Darwin; natural selection; Darwin's finches

Fossils: Fossil formation; explore fossils; Mary Anning

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 make predictions based on evidence.