

Curriculum Principles

<p>Equality of Opportunity Raising pupil aspiration through inspiration, enjoyment and fulfilment; Access to academic excellence; Opportunity to enhance and develop skills/talent; Developing dedication and resilience</p>	<p>Enquiry Based Learning Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise; collaboration; Independent; Fostering and applying thinking skills</p>	<p>Inspire awe and wonder Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role play etc.</p>	<p>Sustainability Emotional Intelligence; Love for learning and collaboration; Care for the environment and community; Fostering tolerance, understanding and empathy</p>
<p>Scientific resources and high quality books have been acquired for children’s lessons.</p>	<p>Enquiry based science and geography lessons are planned throughout the half-term to enable the children to take control of their learning to identify patterns and make conclusions.</p>	<p>Throughout our English writing, children will be hooked into their learning with letters from inspiring activists. In science, children get to role play changing states of materials.</p>	<p>Exploring climate change in Antarctica linking to how it impacts life on land and life below water. In response to this, children will be engaging in climate action to inspire others to take the appropriate actions.</p>

YEAR 4
Title: Our Changing World

Big Bang:
Geo bus Virtual Experience

School Trip/Special Events
Polar Express Experience

Celebration
Recycled Art project
Happy Feet 2

Geography – Antarctica

-We will investigate the human and physical features and process of Antarctica during enquiry based lessons where the children will get use a variety of resources. Children will communicate geographically to explain how people and animals live in the harsh climate and link the importance of this place to climate change.

Key Curriculum Areas:
Science, Geography, Art

Science- Biology and Chemistry

-Comparing and grouping solids, liquids and gases
-Observing that some materials change state when they are heated or cooled
-Exploring evaporation, condensation and temperature within the water cycle and associating the rate of evaporation with temperature
-Children will be using their planning, observing, concluding and recording skills during our science lessons
-Using classification keys to group and organise living things in Antarctica [Geography link](#)

Writing Links:
[Explanation text on the water cycle](#)

PE – Swimming 4E and 4O
Indoor- Gymnastics: Balancing
Outdoor-Games and Sport: Football: positioning, attacking and defending

Maths
Number:
--Place Value: counting in multiples of 9, 25 and 1000 and recognising the place value in a four-digit number
-Rounding numbers to 10, 100 or 1000
-Multiplying and dividing by 0 and 1
-Multiplication and Division facts for multiplication tables up to 12x12
-Division using the short method
-Fractions and Decimals: counting up and down in hundredths, dividing by tenths and by 10, recognising and writing decimal equivalents to ¼, ½ and ¾
Measurement:
-Converting different measure
Geometry:
-comparing and classifying geometric shapes
Times tables:
Practise daily in class and at home.

ART- Recycled Art Project
-Through our study of climate change and the impact it has on life on land and in the water, children will be investigating recycled art and creating s collage of recycled paper.
Science Link: [The water cycle](#)

English
Vocabulary and Descriptive writing focus - ‘Polar Express’ and ‘Greta and the Giants’
-Cinquain poems to introduce subject specific vocabulary
-Re-tell Narrative of the Polar Express
-Formal Letter writing to NSCT community based around **Greta and the Giants** encouraging our community to become more sustainable
Non-fiction – Explanation text on the water cycle using scientific vocabulary and scientific diagrams to support explanations
Spelling-
-Words of Greek origin and French origin, prefixes and suffixs, ‘eigh’ sounds
Handwriting: cursive handwriting
Guided Reading: daily sessions teaching reading skills on a variety of texts
Reading Records and Spelling to be read and practised every day

Computing- Programming Unit: using sequence in programs and various forms of input and output
PSHE- Celebrating Difference with Black Lives Matter Links and celebrating ‘me’; how to identify bullying and what to do when it occurs
Spanish- Colours and pets with written task
Music- To learn and perform ‘Heal the World’