

As Geographers, we will research extreme weather, climate and volcanoes

- Ask and answer geographical questions about the physical characteristics of a location.
- Use a range of resources to identify the key physical features of a location.
- Name and locate the equator, Southern and Northern hemisphere, Arctic and Antarctic circle.
- Describe physical Geography, including rivers, mountains, volcanoes and earthquakes, climate zones and the water cycle.

As Writers, we will write stories, construct reports and explore a "Take one Book" idea.

- Use the main features of a type of writing (identified in reading)
- Use techniques used by authors to create characters and setting
- Compose and rehearse sentences orally
- Plan, write, edit and improve
- Create characters, settings and plots
- Use a range of descriptive phrases including some collective nouns
- Organise paragraphs around a theme
- Use a mixture of simple, compound and complex sentences
- Using commas after fronted adverbials
- Join letters, deciding which letters are best left un-joined
- Place the possessive apostrophe accurately in words with regular plurals (girls', boys') and in words with irregular plurals (eg children's)
- Using and punctuating direct speech
- Use and understand grammatical terminology when discussing writing and reading

Possibilities / Ambition

As ambitious learners, we will be inspired by the Artist Hokusai and organise an exhibition

As Scientists, we will be investigating sound.

To understand sound

- Set up simple, practical enquiries and comparative and fair tests.
- Make accurate measurements using standard units, using a range of equipment, eg. Thermometers and data loggers
- Identify how sounds are made, associating some of them with something vibrating.
- Recognise that vibrations from sounds travel through a medium to the ear.
- Record findings using simple scientific language, drawings, labelled diagrams, bar charts and tables.
- Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
- Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests.

Wacky World Year 4 Spring I

As Artists, we will study The Great Wave by Hokusai

- Collect information, sketches and resources
- Adapt and refine ideas as they progress
- Explore ideas in a variety of ways
- Comment on artworks using visual language
- Use a number of brush techniques using thick and thin brushes to produce shapes, textures, patterns and lines.
- Mix colours effectively.
- Use watercolour paint to produce washes for backgrounds then add detail.
- Experiment with creating mood with colour.
- Replicate some of the technique used by noble artists.
- Create original pieces that are influenced by the studies of others.

Emotional Awareness

We will gain an appreciation of how others cope with extreme weather conditions and be able to show empathy.

As Computer Scientists we will be exploring how to be meteorologists.

To develop a

- Use some of the advanced features of applications and devices in order to communicate ideas.
- Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner.

As mathematicians we will know and use numbers, including our times tables and understand the properties of shapes.

- Use negative numbers in context
- Count backwards through zero and include negative numbers.
- Find 1000 more or less than a given number
- Identify, represent and estimate numbers using different representations
- Order and compare numbers beyond 1000
- Round any number to the nearest 10, 100, 1000
- Solve two-step addition and subtraction problems in context, deciding which operations and methods to use and why
- Recall multiplication and division facts for multiplication tables 12 x 12
- Use rounding to check answers to calculations
- Solve problems using multiplying and dividing
- Multiply two digit and three digit numbers by a one digit number using formal written layout
- Identify lines of symmetry in 2D shapes presented in different orientations

First-hand Experiences

We will enjoy the first -hand experience of visiting an art gallery.