



Parent Curriculum Overview—YEAR 4

Summer 2 2019



Maths

Theme: 'Angles, Mass and Capacity'

Statistics

This unit exposes children to a range of ways in which information and data can be presented and interpreted. Children explore pictograms, bar charts and tables in more detail than they have before. Children begin exploring the use of a wider range of scales and interpreting quarter symbols in pictograms, as well as reading from bars which are a quarter of the way between two marked points on a bar chart. Children are shown data presented in line graphs for the first time and are introduced to the distinction between continuous and discrete data. They are also exposed to a range of more complex, multi-step problems, which use information presented in a range of charts and tables.

Geometry

This unit develops children's understanding of types of 2D shapes and their properties. Children begin by learning about three types of angles: acute, obtuse and right angles. They will use right angles as a way of recognising when angles are acute or obtuse. Children will then compare and order angles in ascending and descending order. Children will then learn about how shapes can be regular or irregular and will discover what this means and how it relates to the angles they have been learning about. Children then learn about different types of triangles and different types of quadrilaterals. Children will be encouraged to apply all they have learnt to deduce facts about shapes and solve shape based problems and puzzles. Finally, children will develop their understanding of symmetry, both inside and outside of shapes, and will complete symmetrical shapes and patterns

This unit also introduces children to coordinate grids, using them to describe positions of points and translations from one point to another. It builds on the knowledge developed in Unit 15 of properties and symmetry of 2D shapes to identify and represent such shapes using coordinates.

French

Theme: 'Speaking and Listening'

The children will learn :

- To name body parts
- To revise colours

English

Theme: Misty Mountains

The children will learn about:

Fronted adverbials, subordinating and coordinating conjunctions, verbs and their tenses, pronouns and prepositions, adverbs of time and cause.

Anti-bullying tasks related to the book Tyrannosaurus Drip by Julia Donaldson

Non-chronological reports.

Biographies of famous mountaineers

Diaries of mountaineers

Narratives related to the snow

Explanations of the Water Cycle.

Homework:

Reading daily and completing the reading record, is essential for



Learning Journey

Theme: 'Misty Mountains'

The children will be learning to:

- Use maps, atlases, globes and digital/computer imaging to locate mountains and describe their features.
- Study significant British mountain ranges.
- Focus on the impact of the water cycle in different parts of the world.
- Explore human impact upon the world ecology.

Topic: Misty Mountains

PATHS

Theme: Problem Solving

The children will:

Discuss goals and solutions

Realise thinking takes time

Learn to cope with difficult problems

Dates

During this final half term there are many interesting and important events. Please look regularly at the school website and Class Dojo for details.

<https://www.classdojo.com/>

<http://www.nansenprimaryschool.co.uk/events/>

Science

States of Matter

Pupils should be taught to:

Compare and group materials together, according to whether they are solids, liquids or gases

Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

PE

Theme: Collaboration

The children will:

- Take part in outdoor and adventurous activity challenges both individually and within a team
- Develop flexibility, strength, technique, control and balance.
- Perform dances using a range of movements.
- Participate in Summer games.

RE

Theme: 'Traditions'

Religious traditions included in this module are: Christianity, Islam The Sikh Faith, Hinduism, Judaism, Buddhism and Jainism.

The children will discuss and explore:

A variety of creation stories to include Christian, Islam, Sikh or Hindu.

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Music

Theme: 'Reflect, Rewind and Replay'

The children will:

Consolidate the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.

Computing

Theme: 'We are Meteorologists'

The children will learn to:

- Understand different measurement techniques for weather, both analogue and digital.
- Use computer-based data logging to automate the recording of some weather data use spreadsheets to create charts analyse data.
- Explore inconsistencies in data and make predictions practise using presentation software and, optionally, video. .