



Mill Class - Outline of Work (Spring Term 2018)

Our topic is: 'Snowy Scandinavia'



English (some key objectives) Spelling

Strategies for learning 'difficult' words from the statutory word list for Year 3/4 and Year 5/6; words ending 'tial' and 'cial' (financial/partial); words ending in 'ant', 'ance' and 'ancy' (balance, elegance); words ending 'ent', 'ence' and 'ency' (inference)

Reading

- Read, discuss, respond to 'East of the Sun and West of the Moon' - a Norwegian fairytale
- Explore themes in the stories and make comparisons with other books
- Develop reading skills: predicting, drawing inferences, summarising, justifying opinions with evidence

Writing composition

- Writing to inform: explaining a 'geographical' aspect of Scandinavia e.g. Northern Lights or glaciers
- Writing to persuade: a travel brochure or poster advertising holidays in Scandinavia
- Writing to entertain: write a quest story using the class book as inspiration
- Editing and proof reading skills (e.g. for tenses, punctuation and spelling)

Grammar/punctuation

- Revise key word classes and identify within sentences: adverb, verb, noun, adjective, determiners
- Understand antonym and synonym
- Identify active and passive sentences and use the passive to help write in a formal way
- Continue to explore the full range of punctuation, including semi-colons, colons and dashes

Mathematics (some key objectives)

- Use written division methods in cases where the answer has up to 2 decimal places
- Convert a decimal to a fraction and vice-versa.
- Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.
- Recall and use equivalences between simple fractions, decimals and percentages
- Use, read, write and convert between standard units of measure, converting measurements of mass from a smaller unit to a larger one and vice-versa.
- Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places.
- Use simple formulae to calculate the area of rectangles, parallelograms and triangles.
- Recognise when it is possible to use simple formulae for finding the volume of shapes.
- Solve problems involving ratio
- Use knowledge of the order of operations to carry out calculations.
- Use letters to represent unknown values (algebra)

Science ('Staying Alive')

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
- To take and record measurements; to present data in appropriate ways; to use evidence to support or refute an assertion - pulse and breathing rate investigation
- Recognise the impact of diet, exercise, drugs and lifestyle on the way our bodies function
- To explain the effect of drugs on the body.
- Investigate the link between diet and health.
- Explore the work of John Boyd Orr in the 1930s

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Science ('We are dinosaur hunters' taught by Mrs Dunsby)

- Find some evidence to support a theory about why dinosaurs became extinct
- Compare different theories and decide which has the strongest evidence
- Explain why scientists still don't know exactly why dinosaurs died out
- Develop skills to work scientifically; make accurate observations; present and evaluate the findings from their enquiries; make predictions; record results in different ways and interpret them
- Ask questions like a scientist

Computing ('We are cryptographers')

- Early methods of communication over distances
- Early ciphers;
- Exploring what makes a good password

Music (taught by Mrs Dunsby)

- Study of 'Finlandia' by Jean Sibelius
- Improvisation and composition

French

- Madame Harding - every Monday

RE/PSHE

- What are the important times for Jews?
- Jewish festivals/rites of passage

Physical Development

- Invasion games: football, netball, dodgeball and handball
- Junior Fitness Challenge
- Gym

Geography (Scandinavia)

- Locate Scandinavia's countries and major cities on a world map
- Explore the climate and weather of Scandinavia
- Use photographs to note the physical features of Scandinavia
- Explore some aspects of the human geography of Scandinavia
- Compare and contrast an area in the UK with an area in Scandinavia
- Plan a tourist visit to a Scandinavian destination.

