

Numeracy

Place value and number work to 1000000;
Roman Numerals; Fractions and Decimals;
Number sequences involving fractions and decimals; column addition and subtraction; mental maths; rounding; multiples and factors; **prime numbers**; multiplication facts; multiplying and dividing by 10, 100 and 1000; **squared and cubed**; compare and order fractions; add fractions; improper fractions and mixed numbers; **links between fractions and decimals**; **order numbers with three decimal places**; recognizing and solving basic percent problems; **converting between units of measure**; **perimeter, area, capacity and volume**; **converting between units of time**; 2D and 3D shapes; drawing and measuring angles; reflection and translation; **statistics**.

Mountains

Children should:
name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

describe and understand key aspects of:
□ physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle



Displays

Outside classroom: Mountains
Inside classroom: Forces and Machines / Earth, Sun, Moon and Space; Victorians; Literacy Working Wall; Numeracy Working Wall; PATHS display.

D&T

The Highwayman Diorama

Create a scene from the story using materials

RESOURCES:

Balsa Wood, Drills, Saws, Glueguns.

Literacy -

Mallory and Irvine; The Highwayman; The Piano; A Christmas Carol.



Art

→ Caspar David Friedrich



→ Still Life Sketching
→ Watercolours

Amazing Mountains

YEAR 5 Autumn

Computing

- Understanding computer networks including the internet; how they can provide multiple services, such as the World Wide Web.
- Use technology safely, respectfully and responsibly

RESOURCES:

ICT Suite

Music

Planned and taught by Southwark Music
Ukelele lessons

MFL

Spanish
Planned and taught by Lydia

P.E.

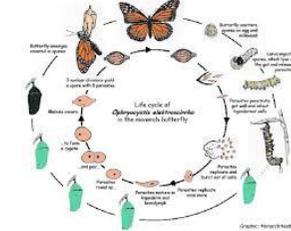
Pioneer Dance
Judo

Science

Properties and changes of materials

Pupils should be taught to

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some plants and animals



Properties and changes of materials

Pupils should be taught to:

- compare and group together everyday materials on the basis of their properties
- know that some materials will dissolve in liquid to form a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials,
- explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible

PSHE

PATHS, P4C, MIND UP

Trips/Visitors:

Educational Visit:

Library

Visitors: Freshwater/Theatre groups