

## Science -

- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
- 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).
- Investigate habitats and food chains
- Understand different methods of plant reproduction.

## Working Scientifically

- asking relevant questions and using different types of scientific enquiries to answer them
- setting up simple practical enquiries, comparative and fair tests
- making systematic and careful observations and, where appropriate, taking accurate measurements using
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- identifying differences, similarities or changes related to simple scientific ideas and processes

## Literacy:

- Class book - The Wolf Wilder by Katherine Rundell
- Dilemma stories
- Information texts
- Persuasive letters
- Planning/Drafting/Editing/ Presentation/ Evaluating/Justifying/Grammar (homophones, complex sentences, fronted adverbials, commas to separate clauses, direct speech)

## History

- Independently place historical events or change on a timeline, remembering key facts from a period of history studied.
- Link events from periods studied to changes or developments in contemporary society, both in Britain and the wider world.
- Select, organise and record relevant information from a range of sources to produce well-structured narratives, descriptions and explanations.
- Explain why people acted as they did.

# Year 4/5 Curriculum Map Autumn 1 - 2018/19 Misty Mountain Sierra

## PSHCE

Think about the lives of people

- living in other places
- with different values and customs

Explore the meaning of the terms

- stereotype
- discrimination
- Buddhism and Hinduism

## Art & Design

- Improve mastery of art & design techniques with a range of materials - including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).
- Draw from close observation to capture fine details.
- Comment on similarities/differences between own and others' work, describing what they feel about both.
- Compare and comment on a number of artworks on a similar theme, explaining the approaches taken by different artists or genres

## Geography

### Locational knowledge

- Locate and explain the significance of the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn to a range of countries of the world

### Human and physical geography

Describe and understand key aspects of:

- Physical geography, including: climate zones/ the water cycle/ mountain environments
- Human geography, including: how physical activity has impacted and/or changed the physical and human characteristics of a place in the world.

### Geographical skills and fieldwork

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

## Computing

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- Use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

## PE

- Invasion Games
- Basketball
- Football
- Dodgeball