

Science

In science this term we will be investigating electricity and the properties of materials.

Scientific skills:

- Comparing variables
- Testing variables
- Predicting
- Data handling
- Research
- Measuring
- Planning enquiries

History:

This term we will be investigating how history has influenced our local area . We will look at the role of mining in the community.

- Ask and answer questions
- Use sources to find out about the past
- Explore chronology
- Describe and explain
- Research and conclude

Art and Design

In art and design this term we will be using various methods and techniques to develop models based on the mining villages near Bearpark.

Artistic and design skills:

- Develop 3D models
- Select and use materials
- Explore form, shape, texture, materials

Geography

In geography we will be using atlases and maps to examine rainforests and rivers. We will use books and online resources to research, compare and contrast.

Geographical skills:

- Make observations
- Use appropriate geographical vocabulary
- Create and label a map
- Use an atlas and maps
- Describe types of settlement and land use.
- Compare human and physical features

Computing

In computing we will look at coding and digital literacy. We will also be using electronic devices for research.

Computing skills

- use selection in programs; work with variables; use logical reasoning to explain how some simple algorithms work.
- Identifying reliable online sources
- Appropriate online behaviour.

Music:

In music we will continue to explore singing techniques and percussion accompaniment.

Religious Education

In RE we will learn about how religions use rituals in modern day life. We will also look at how Jewish beliefs are shown in Jewish households. We will find out what we already know, then investigate beliefs and practices.

Skills:

- Ask and answer questions
- Critical thinking
- Personal reflection

English

Focus: Wonder, Picture Books and Poetry

Reading

- recommending books that they have read to their peers, giving reasons for their choices.
- identifying and discussing themes and conventions in and across a wide range of writing.
- making comparisons within and across books.
- provide reasoned justifications for their views.
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.
- predicting what might happen from details stated and implied.
- identifying how language, structure and presentation contribute to meaning.

Writing

- continue to distinguish between homophones.
- use dictionaries to check the spelling and meaning of words.
- use a thesaurus.
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.
- proof-read for spelling and punctuation errors.

- using commas to clarify meaning or avoid ambiguity in writing.
- Write a variety of non-fiction texts aimed at different audiences, using varied structures and forms to present information and meaning.

Maths

This term we are aiming to:

- Adding decimals within 1
- Subtracting decimals within 1 Complements to 1
- Adding decimals – crossing the whole
- Adding and subtracting decimals with the same number of decimal places
- Adding and subtracting wholes and decimals Decimal sequences
- Multiplying decimals
- Identify angles Compare and order angles
- Measure angles in degrees Measuring with a protractor (1)
- Measuring with a protractor (2)
- Drawing lines and angles accurately Calculating angles on a straight line
- Calculating angles around a point Triangles Quadrilaterals
- Calculating lengths and angles in shapes Regular and irregular polygons
- Reasoning about 3-D shapes
- Position in the first quadrant
- Translation
- Translation with coordinates
- Recap Line of symmetry
- Recap Complete a symmetric figure
- Reflection
- Reflection with coordinates

Year 5

Our topic for Summer Term is: **Local Area**



Have a look inside!