

Literacy

Key Texts: *The Wonder Garden/ Everest/The Nowhere Emporium*

Purpose for writing: Writing to inform: non-chronological report and biography. Writing to entertain: setting description.

Writing: Children will write a non-chronological report about the Himalayan mountains and the wildlife that live there. They will include technical language, use an informal tone and passive voice and use punctuation including colons and semi- colons to structure their work. They will learn about the explorer Edmund Hillary and write a biography of his life and achievements. Children will also write setting descriptions of the Himalayan landscape using a range of devices to create atmosphere and engage the reader.

Grammar: Children will continue to build their grammar skills and learn about model verbs, passive and active voice and using informal and formal language. They will also learn how to link ideas across paragraphs with a wide range of cohesive devices.

Word Reading / Comprehension: As readers we will studying a text called 'The Nowhere Emporium' by Ross MacKenzie. Children will learn the skill of reading a non-linear story as well as developing the VIPERS: Vocabulary, Inferring, Predicting, Explaining, Retrieving, and Summarising. **Please see The Nowhere Emporium knowledge organiser for essential knowledge and vocabulary.**

Geography

Focus: Describe and understand an aspect of physical geography-mountains.

Children will learn how to use lines of longitude and latitude on maps to locate mountains of the world. They will learn about the different types of mountains and how they are created. They will learn the physical geography of mountains and identify their features. Children will know that data on mountains can be collected and will record and compare the temperature and height of different mountains. They will also complete an in depth case study of mount Everest. **Please see mountain knowledge organiser.**

Art

Focus: 3D Layering: Children will focus on creating a contemporary mixed media piece of art.

Artist Study: Children will study and evaluate the art of collage artist Erika C Brothers.

RYHALL CE ACADEMY

Hambleton Class

Year 6 : Spring Term 1

Computing

Focus: Information Technology— Children will create a text based adventure story and continue to develop coding skills. Within Science children, will create branching databases.

Topic Name:
MONSTROUS MOUNTAINS

Music

Children will learn how to play a brass instrument with instruction from a music specialist and perform a presentation piece.

PE

Focus: Gymnastics and Quicksticks Hockey. Children will develop their balance, coordination and control in gymnastics as well as their skills, tactics and teamwork in hockey.

PSHE

Children will discuss their dreams and goal and set personal learning goals and discuss dreams for the world.

Maths

NUMBER:

Decimals Children will build on previous decimals learning. They will know the value of digits in decimals to three decimal places. They will revisit multiplying and dividing decimals by 10, 100 and 1000 and develop the skill of multiplying and dividing decimals by integers. They will convert decimals into fractions and vice versa.

NUMBER: Percentages Children will understand what percentages. Children will be able to convert percentages into fractions and decimals. They will know how to find percentages of numbers and quantities.

NUMBER: Algebra Children will know how to find one and two step rules and be able to form expressions. Children will know how to substitute in algebraic equations.

(Please see our Calculation Progression document on our website for calculation strategies.)

Science

Biology: Living Things and Their Habitats

Children will build on their knowledge and previous learning from Year 4 and they will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. Children will be able to give reasons for classifying plants and animals based on specific characteristics.

Working Scientifically:

Children will learn to sort and classify animals into groups and use a classification keys to identify them before creating their own. Use computer software to create branching database. They will use classification systems and keys to identify some organisms and record these in a variety of ways (e.g. Venn and Carroll diagrams, tables).

(Please see Science knowledge organiser for essential knowledge and vocabulary to be learnt.)

RE

Christianity —U2.2 Creation & Science – Conflict or Complimentary?

Children will investigate creation and science and debating if the theories are conflicting or complementary. They will study Genesis and be introduced to the views of other people. We will find out about Christians beliefs that God is the Creator and decide if Christians find science and faith compatible.

French

Focus: Do you have a pet?