Misty Mountain, Winding River [Geography]

Companions

- Vista [Art and design]
- Functional and Fancy Fabrics [Design and technology]
- States of Matter [Science]
- Animal [Art and design]
- Grouping and Classifying [Science]

Planned term

Spring

Memorable experience

[Vista] - What a View! Exploring landscapes including mountain ranges, thinking about foreground and background in artwork to recreate mountainous views. [Functional and Fancy Fabrics] - Learning about the designer, William Morris, then creating our own designs. Using block printing and sewing to meet a specific design brief. Celebration Event: Visit to Coombe Valley Nature Reserve to explore the river and carry out fieldwork activities.

Innovate challenge

Producing an information booklet about the River Dart, learning about geographical features in our locality. [Vista] - Producing our own landscapes. [Functional and Fancy Fabrics] - Designing and making a William Morris-inspired fabric. [States of Matter] - Let's investigate focus: observing, measuring and recording. Carry out an ice cube investigation, exploring what makes ice melt more quickly. [Animal] - Making Bankura horse sculptures out of clay, inspired by those seen in Panchmura. [Grouping and Classifying] - Let's investigate focus: reporting and concluding. Creating our own classification key, linking to a chosen 'new discovery'.

Class texts

You Are a Champion - Marcus Rashford. King of the Cloud Forests - Michael Morpurgo. Cinderella of the Nile -Beverley Naidoo (Literacy). Everest - Sangma Francis and Lisk Feng (Literacy). The Paper Bag Prince - Colin Thompson (Literacy).

Writing

Traditional Tale: Writing own version of a traditional tale, inspired by 'Cinderella of the Nile'; Information Text: All about a mountain; Narrative: Narrative about a particular setting/location.

Mathematics

Teaching for Mastery using White Rose Maths supported by NCETM PD spines and Power Maths.

Science

Water cycle; Habitats; Changing environments. [States of Matter] - Classifying solids, liquids and gases; Unusual materials Particle theory; Change of state; Melting, freezing, evaporation and condensation; States of water; Measuring temperature; Investigating melting; Line graphs; Researching melting and boiling points; Working scientifically – Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research. [Grouping and Classifying] - Types of classification; Taxonomy; Understanding and creating classification keys; Animal kingdom; Plant kingdom; Classifying new discoveries; Working scientifically – Identifying and classifying, Pattern seeking, Research.

Physical education

Following the Primary PE Passport: Indoor: Swimming & Dance; Outdoor: Hockey & Tennis.

Art and design

[Vista] - Landscape; Perspective. [Functional and Fancy Fabrics] - Motifs and pattern; Nature; Block printing; Embroidery. [Animal] - Significance of animals in art; Drawing; Printing, Clay sculpture.

Computing

Following the Teach Computing curriculum: Programming A - Repetition in shapes; Data and Information - Data logging.

Design and technology

Mountain climbing equipment. [Functional and Fancy Fabrics] - Fabrics; Design features; Significant designer – William Morris; Stitching a hem; Embellishment; Designing and making patterned and embellished fabrics.

Geography

Rivers; Maps; Grid references; Contour lines; Physical processes – erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK mountains; World mountains; Compass points; Water cycle; Soil; Altitudinal zones; Data analysis.

Music

Following the Charanga Musical School primary curriculum programme. All learning is based around 1 song: Lean on Me.

Personal, Social and Health Education

SCARF: Keeping Myself Safe Rights and Responsibilities

Religious education

Hinduism: What does it mean to be Hindu in Britain today? Christianity: Why do Christians call the day Jesus died 'Good Friday'?

Spanish

Body parts. Facial features, Describing funny monsters/aliens, Geography link: Spain on a world map, Madrid on a map of Spain, Spanish flag.