

### Possible Activities

- Collect, present and interpret data about the heights of mountains or the flow rate of rivers or streams.
- Identify different lengths and heights of mountains, rivers and coastlines and convert units of measurement, e.g. from kilometres to miles.
- Measure and compare the weights of mountain climber rucksacks, using different measurement units to describe the weight of different items and the total weight of the bag.
- Calculate amounts of money, using addition, subtraction, multiplication and division and decimal notation.
- Explore properties of different shapes by measuring and comparing angles, area and volume.
- Practise telling the time using digital and analogue clocks and solve problems involving duration of events.

## Farway C of E Primary School

Summer Term 2019  
Mountains, Rivers and Coasts,  
Stone Age to Iron Age.

### Possible Activities

- Read a range of Explanation texts, including some about the Water Cycle. Identify structure of the writing and types of words and sentence structures used and apply these to write explanations of mountain formation or fossil formation.
- Compose a story about a monster who might be responsible for a natural disaster such as an avalanche or flood. Use a range of strategies to build tension and excitement in a story. Use an increasing range of descriptive vocabulary to describe characters and settings.
- Create a poem about a journey through a landscape, using a range of strategies, including imagery such as similes, metaphors and personification.
- DEN (KS2 role play) area: Mountaineers base camp (for the 1<sup>st</sup> half term) and a fossil museum (for the 2<sup>nd</sup> half term). Activities may include planning an expedition into mountains; researching aspects of a mountain environment, such as plants and animals; researching and writing in the role of a famous climber; creating a fossil museum and writing in role as Mary Anning.

### Possible Activities

- Investigate what happens during the water cycle and explain the formation of mountains.
- Use maps to locate mountains, rivers and coasts in the UK and compare with those found around the world.
- Map the course and label the features of a river.
- Study a local river, with a river found in a different part of the UK and the world.
- Investigate erosion of local coastlines and compare to those found on different UK coastlines.
- Research and discover the main differences and changes between the Stone Age and Iron Age.
- Develop understanding of how historical sources may conflict with one another.
- Investigate why skeletons are important and compare with animal skeletons.
- Create a report to show how rocks and fossils are formed.
- Investigate the properties and uses of different types of rocks or soils.
- Investigate adaptation and inheritance and explore why animals become extinct.

### Mathematical Development

(Problem solving, reasoning and numeracy)

Statistics: Pictograms and bar charts, line graphs, tables and charts.  
Measurement: Money, Converting units of measure.  
Geometry: Properties of shapes, position and direction using coordinates.  
Ongoing: M3 programme (Making Multiplication Memorable) and times tables with Times Table Rock Stars.

### Communication, Language and Literacy

(Speaking and listening, reading, writing)

Non-fiction: Features of Explanation writing, based on texts about the Water Cycle.  
Narrative: Defeating the monster stories based on 'Mimi and the Mountain Dragon' by Michael Morpurgo.  
Poetry: Based on the poem, 'A River' by Mark Martin.  
Daily handwriting, spelling, phonics and reading sessions.

### Modern Foreign Language - French

- Name and introduce family members.
- Create a family tree to introduce family members in French.
- Learn the names of different place names in a French town or city and practise asking for, giving and interpreting directions, using a map of a French town.
- Ongoing work on numbers, dates, weather, colours through Daily Dashboard work.

### Knowledge and Understanding of the World

(Geography, History, Science)

Geography: Water cycle, mountain formation and erosion. Human and Physical geography study of rivers.  
History: Key changes between Stone Age to Iron Age.  
Science: Amazing bodies, Everything changes (inheritance and adaptation) and Rock detectives.

## THE VISIT/VISITOR Lyme Regis Fossil Museum Himalayan Culture Day

### Physical Development

(PE, Growth and Health)

Outdoor PE: Fielding and striking team games.  
Yoga sessions each week.  
DPA: Daily physical activity sessions outside, to wake and shake everyone's bodies and brains up in the morning!

### Possible Activities

- Outdoor PE will be supported by Premier Sports including a range of striking, fielding, throwing, catching, jumping and running team games activities.
- Learn and perform May pole dances for the Day celebrations.
- Continue to learn how to stay flexible and meditate during yoga sessions.
- Explore the nature around us during Forest sessions

### Possible Activities

- Read stories about Hindu gods and goddesses and discuss what they reveal about Hindu beliefs about God.
- Explore how different Hindu festivals are celebrated and link the celebrations to the stories behind the festivals.
- Compare Hindu worship in a temple or a household shrine.
- Question and answer session with a Hindu visitor.
- Read and interpret Bible passages that describe characteristics of God.
- Visit and compare different places of worship, such as a Cathedral, a Baptist church and an Anglican church.

### Understanding of Faith Belief and Cultures

RE theme: What does it mean to belong to a belief system? What does it mean not to belong to a belief system?

RE questions: Who made the world? What does it mean if God is Holy and Loving?

Faiths: Christianity, Hinduism and Humanism.

British Values: Focus on mutual respect, diversity, equality and inclusion. Consider how different religions view God, e.g. Hindus and Christians. Compare the architecture of places of worship and what this reveals about beliefs.

PSHE: Keeping safe and healthy, including healthy eating, water safety, cycle safety: A World without Judgement, including diversity and inclusion and Changes.

### Creative Development

(Art, D&T, Music, Role Play)

Art: Clay fossils and stone age cave paintings.  
D&T: Bridges over rivers.  
Music: Water-themed music.

### Possible Activities

- In Art, look at a range of cave paintings and discuss colours, themes and composition. Explore the early history of Art and experiment with recreating dyes and pigment plants and natural materials.
- Create own cave paintings showing everyday activities, with a focus on line, tone, colour and composition.
- Use clay, to create and decorate 3D models of fossils and bones.
- In Design and Technology, investigate and name different types of bridges: beam, cantilever, arch, suspension, swing and look at pictures of different bridges around the world.
- Investigate a range of methods for strengthening structures and practise building weight-bearing structures from newspaper or art straws.
- Compare the properties of different materials and joining techniques, listing the pros and cons of each.
- In teams, design and build a model bridge according to an agreed design criteria.
- In Music, identify a range of musical instruments and the different sounds they make.
- Recognise and explore a range of musical styles and traditions: jazz, folk, classic. Listen to Handel's Water Music and use musical language to appraise and describe.
- Recognise notes of different duration and clap or play rhythm patterns.
- Use a range of instruments to compose own water-themed music.

### Computing Activities

- Debugging an algorithm for a Water Cycle simulation – children identify and correct mistakes in the programming.
- Use algorithms to sequence, program and create an animation to show how fossils are formed.
- Continue to learn how to stay safe online and protect personal data and information.
- Use the internet to research famous mountains, rivers and coasts.
- Use word processing skills to write a report about fossils and rocks.