

## Science: States of Matter including the Water Cycle

- compare and group materials together, according to whether they are solids, liquids or gases
- 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)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

## Electricity

- Identify common appliances that run on electricity
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- Recognise some common conductors and insulators, and associate metals with being good conductors.

## Music

The journey of a raindrop

## PSHE

- Democracy
- Making choices

## English:

Focused Reading: Dancing Bear/Mountain

Writing: Non-chronological reports, recount writing, poetry

SPAG: Prefixes and suffixes, sentence structure, homophones, fronted adverbials

## Computing

- explain what a variable is when used in programming.
- create a timer that prints a new number to the screen every second.
- explain how they made their program change the number every second.

## Art/DT

- Landscape sketches
- 3D mountain modelling

# PEAKS AND TROUGHS

## Maths

- Place Value
- Addition and Subtraction
- Length and Perimeter
- Multiplication and Division

## RE:

### Judaism

- Beliefs and practices
- How special is the relationship Jews have with God?

### Christianity

- Christmas
- Incarnation
- What is the most significant part of the nativity story for Christians today?

## Geography: Mountains and Rivers

- describe and understand key aspects of rivers, mountains and the water cycle.
- identify human and physical characteristics and key topographical features (including hills, mountains, coasts and rivers).