

Our Wonderful World

Key Vocabulary:

- Biomes
- Vegetation belts
- Climate zones
- Water cycle
- Precipitation
- Evaporation
- Distribution
- Natural resources
- Energy
- Water
- Food
- Minerals

English:

Narratives – suspense writing

Biographies

Diary entries

Rainbow Grammar

Prepositions and adverbials of duration (when)- How they can be used at the beginning of sentences too.

Spelling

We will be looking at and learning the following spelling rules:

- Words with c before i and e
- Words containing 'sol' and 'real'
- Words containing 'phon' and 'sign'
- The prefixes 'super', 'anti', and 'auto'
- The prefix 'bi' (meaning 2)
- Plurals with possessive apostrophes

Maths:

Measurement

- Convert between different units of measure
- Measure and calculate perimeter
- Read, write and convert time

Number and place value

- Round any number to the nearest 10, 100 and 1000
- Read Roman Numerals to 100

Number- Fractions (including decimals)

- Recognise and show, using diagrams, families of common equivalent fractions
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Solve simple measure and money problems involving fractions and decimals to two decimal places

Addition, subtraction, multiplication & division

- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- Use short division
- Recall multiplication and division facts for multiplication tables up to 12×12

Geometry

- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- Identify acute and obtuse angles and compare angles up to two right angles by size

Science:

- 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

Home learning ideas:

- Research the key climate zones in the world.
- Create a model that describes and explains the water cycle.
- Create a biome.
- Using household and garden items, create your own river with water.
- Research the 5 largest cities in Europe and create a fact file for each.
- Using local maps, identify physical features that can be found in Nottinghamshire and Lincolnshire.

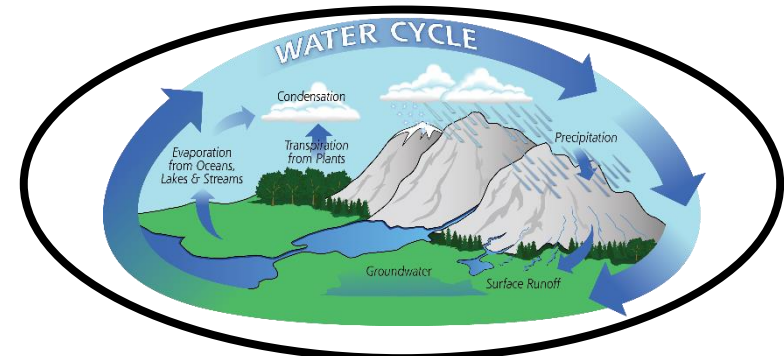
Key questions for this area of learning:

What is a vegetation belt?

Can I explain the water cycle?

How are key resources distributed across the world?

What is a biome?



RE

- Find out about the meanings of stories, symbols and actions used in Hindu worship and celebrations.
- Describe and understand links between Hindu stories and celebrations.
- Investigate the deeper meanings of Hindu festivals and respond thoughtfully to them.
- Express and communicate understanding about the meanings of the festivals, reflecting on and learning from these and making deepening connections to their own lives and celebrations.

RSHE:

- I know what being part of a community means, and about the varied institutions that support communities locally and nationally
- I recognise the role of voluntary, community and pressure groups, especially in relation to health and wellbeing

Computing

Data logging

- To explain that data gathered over time can be used to answer questions
- To use a digital device to collect data automatically
- To explain that a data logger collects 'data points' from sensors over time
- To recognise how a computer can help us analyse data
- To identify the data needed to answer questions

Geography

- Describe and understand:
 - The distribution of natural resources including energy, food, minerals and water.
- Describe and understand:
 - Climate zones
 - Biomes and vegetation belts
- Describe and understand the water cycle

PE:

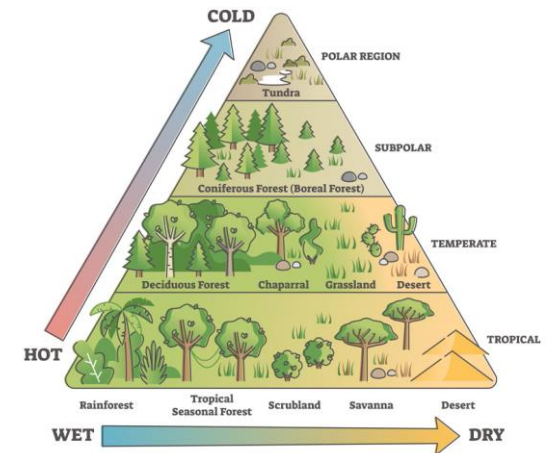
Basketball:

- Move with a ball keeping it under control whilst changing direction.
- Shoot and score with increased success.

Golf:

- Develop and demonstrate the ability to 'putt' accurately and effectively.
- Begin to develop the correct chipping technique.
- Show control and coordination to make accurate shots.

BIOME PYRAMID



D&T:

- To understand the parts and mechanisms of pulleys and levers and to find examples of them in everyday life.
- To design and make a pulley system for a specific use.

Music:

- To understand layers in musical structure
- To perform sequences of sounds matched to visual sequences
- To understand and perform rondo structure

