

# Year 4 Medium Term Plan

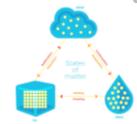
# Spring Term

## SCIENCE

### States of Matter

I can:

- Explore a variety of everyday materials and develop simple descriptions of the states of matter.
- Know that solids hold their shape, liquids take on the shape of their container and gases expand to fill the space available.
- Observe that some materials change state when they are cooled or heated and measure or research the temperature at which this happens in degrees Celsius.
- Know that when a liquid evaporates it becomes a gas and when gas condenses it becomes a liquid.
- Identify the part played by evaporation and condensation.



### Living things and Habitats

I can:

- Explore and use classification keys to help, identify and name a variety of living things in their local environment.
- Describe some of the characteristics of the vertebrate groups.
- Explain why some animals are hard to classify.
- Construct and interpret a variety of food chains, identifying producers, predators and prey.
- Represent feeding relationships within a habitat.

## COMPUTING

### We are Meteorologists.

I can:

- Understand the different measurement techniques for weather, both analogue and digital.
- Use computer-based data logging to automate the recording of some weather data.
- Use spreadsheets to create charts.
- Analyse data, explore inconsistencies in data and make predictions.
- Practise using presentation software.

## COMPUTING

### We are Musicians.

Using GarageBand, I can:

- Create a repeating percussion pattern
- Play at least one touch instrument
- Create a piece of music using the piano roll
- Play a piece of music using live loops
- Combine two or more tracks.

## PE

### Dance

I can:

- Perform using a range of movement patterns and set phrases.
- Identify the key features of dancing from British and Indian culture.
- Perform routines to audiences.
- Work collaboratively in groups.
- Evaluate my own performance and that of others, and suggest ways in which they can be improved.

Gym

I can:

- Balance and show specific planned shapes.
- To create a sequence on balance showing planned variations in shape.
- Rotate and roll on different body parts.
- Create a sequence with a partner on floor and apparatus.

## PE

### Sports Hall Athletics

I can:

- Develop technique and stamina.
- Challenge myself.

### Badminton

I can:

- Control a Shuttle cock.
- Coordinate using both hands.
- Move in different directions.
- Develop flexibility, strength, technique, control and balance.

# Around the World



## PSHCE

I can:

- Describe 'good' and 'not so good' feelings and how feelings can affect our physical state;
- Explain how different words can express the intensity of feelings
- Demonstrate strategies for working on a collaborative task;
- Define successful qualities of teamwork and collaboration.
- Identify a wide range of feelings;
- Recognise that different people can have different feelings in the same situation;
- Explain how feelings can be linked to physical state.

## MUSIC

I can:

- learn about the language of music through playing the glockenspiel.
- learn to sing, play, improvise and compose with the well-known song Mamma Mia.
- Explore and develop playing skills through the glockenspiel.
- Learn about pulse, rhythm, pitch by singing and playing instruments.

## RE

### Hinduism, Sikhism and Christianity

I can:

- Describe why and where worshippers connect to prayer and worship.
- Observe how people of faith communicate beliefs through sacred spaces and worship.
- Discuss and present my own and others views about belonging, meaning, purpose and truth.
- Consider the value of belonging to a religious community.

## ART

I can:

- Take inspiration from geometric art – Matisse.
- Use digital media to create my own geometric art.
- Sketches and watercolour of Taj Mahal.
- Share my personal opinion about Indian art.

## ENGLISH



### Persuasive texts

I can:

- Use the imperative verb to convey urgency.
- Use rhetorical questions to engage the reader.
- Use noun phrases to add detail and description.
- Use relative clauses to provide additional enticement.
- Develop character through description.
- Begin to make choices about sentence length and type.

With a focus on:

Adverbials, conjunctions and commas.

### Poetry

I can:

- Recite narrative poetry.
- Use vocabulary and grammatical structures to communicate ideas.

### Writing to entertain

I can:

- Use fronted adverbials.
- Write with expanded noun phrases.
- Use subordinate clauses to add detail or context.
- Use nouns and pronouns for clarity and cohesion.
- Develop the use of dialogue, action and description to show character and to move events forward.
- Develop independent editing and proof reading skills.

I can:

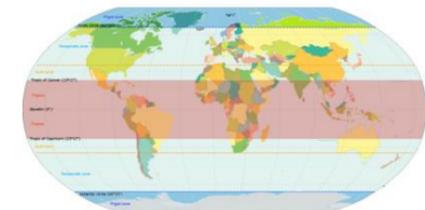
- Write detailed character descriptions-The Iron Man
- Use full punctuation for direct speech.
- Experiment with different sentence lengths to vary pace.

## GEOGRAPHY

### Climate Zones

I can:

- Identify the different lines of latitude and explain how latitude is linked to climate.
- Locate different climate zones and explore the differences between the Northern and Southern Hemispheres.
- Compare temperate and tropical climates.
- Explore weather patterns within a climate zone.
- Identify the characteristics of each climate zone.
- Describe the key characteristics of the Congo.



## DT

I can:

- Handle food safely - following basic hygiene rules.
- Evaluate and compare a range of ingredients.
- Create branding for the final product.