**Numeracy and mathematics**

**Number- Order and Place Value.** Place Value Partitioning of Whole Numbers to one million

Number Sequences

**Addition and Subtraction**

Adding and Subtracting a String of Numbers

 Using Place Value Partitioning to Add and Subtract

**Mathematics, its Impact on the World, Past. Present**

Mathematical Inventions and Different Number Systems

**Multiplication and Division**

Recalling Multiplication and Division Facts for 7

Recalling Multiplication and Division Facts for 8

**Time**

Investigating how Long a Journey will Take

Calculating the Duration of Activities

**Health and Wellbeing**

Research foods from the rainforest and make a healthy menu based on these.

Track the journey that some foods have made from the rainforest to the plate.

Understand the concept of ’Food Miles’

Explain how Fairtrade improves trading conditions and sustainability

**Literacy and English**

Writing:

Creative writing & description bubbles – Rainforest stories

Information & Explanation texts – what are the rainforests, what the rainforests do for us, climate & the water cycle.

Persuasive texts – protecting the rainforest.

Posters, factfiles and presentations.

Reading

Use a narrative text to recognise and identify different structures, analyse paragraphs and evaluate story endings.

To recognise that the author can use carefully selected vocabulary to manipulate and influence the reader.

**Rainforests**

**French**

Revision of greetings, introductions and classroom objects.

Plans will adapt in response to the interests of the children.

**Science**

Understand how animals are classified and use classification keys.

Food Chains/webs- Be able to describe the interdependence, interaction and energy flow between plants and animals in food chains, and then webs, realising the effect one change can make.

The water cycle- Following the journey of a single raindrop.

The benefits of plants and the process of photosynthesis.

**Social Studies**

Where are the Rainforests and why are they important?

Looking at the globe to identify seasons and making the link between the equator and the tropics.

Research layers of the Rainforest and investigate in more detail the tree types specific to each layer.

Researching who and what lives in the rainforest and which parts of the habitat suit their needs.

Finding out about the future of the Rainforest. Thinking of our role in protecting the climate and sustainability moving into the future.

**Technologies**

Plan, design and select materials for and create a 3D animal for class display.

Research and create a model of alternative transportation.

Research and present an area of the rainforest using PowerPoint to share knowledge.

**Rainforests**

**Expressive Arts**

Produce individual sketches to create accurate and realistic representations of trees/ plants.

2D animals using crayon batik

Design tribal masks ,use card to create a standing 3D mask and paint to match their design.

**RME - Judaism**

* The origins of Judaism
* The ten key rules
* Key Jewish festivals
* The Torah