

Spring Medium Term Plan

Year 5

Rainforest: Are they the lungs of the Earth?

English

Spoken Language

Engage the interest of the listener by varying their expression and vocabulary

Adapt spoken language to the audience, purpose and context

Develop ideas and opinions with relevant detail

Express ideas and opinions, justifying a point of view

Show understanding of the main points, significant details and implied meanings in a discussion

Listen carefully in discussions, make contributions and ask questions that are responsive to others' ideas and views

Begin to use standard English in formal situations

Reading

Read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word

Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words

Read non-fiction texts and identify purpose and structures and grammatical features and evaluate how effective they are

Identify significant ideas, events and characters and discuss their significance

Draw inferences such as inferring characters' feelings, thoughts and motives from their actions

Justify inferences with evidence from the text

Make predictions from what has been read

Identify the effect of the context on a text.

For example, historical or other cultures

Identify how language, structure and presentation contribute to the meaning of a text

Transcript

Spell some words with 'silent' letters, e.g. knight, psalm, Solemn

Distinguish between homophones and other words which are often confused

Spell identified commonly misspelt words from Year 5 and 6 word list

Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary

Show how grammar and vocabulary choices create impact on the reader

Choose vocabulary to engage and impact on the reader

Use stylistic devices to create effects in writing. For example – simile, metaphor, personification

Add well-chosen detail to interest the reader

Use relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun

- Use commas to clarify meaning or avoid ambiguity in writing
- Use brackets, dashes or commas to indicate parenthesis

Maths

Read, write and order numbers with up to 6 digits and understand the place value of each digit; place 6-digit numbers on a number line and find numbers between.

Solve place-value additions and subtractions with 6-digit numbers.

Understand place value in decimal numbers as tenths and hundredths;

multiply and divide by 10/100/1000 using a place-value grid

Understand place value in decimal numbers to 2-decimal places

Place decimal numbers on a line

Round two-place decimal numbers to nearest tenth and whole number

Say the number a tenth or a hundredth more

Rehearse mental addition strategies for decimals and whole numbers

Use counting on as a strategy to perform mental addition of 2-place

decimals to the next whole number

Solve missing number sentences

Use mental strategies to solve multi-step word problems

Use counting up as a strategy to perform written subtraction

Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10

Identify prime numbers

Revise finding factors of numbers

Find squares and square roots of square numbers

Finding patterns and making and testing rules

Use mental multiplication and division strategies

Relate mental division strategies to multiples of ten of the divisor

Know properties of equilateral, isosceles, scalene and right-angled triangles

Find that angles in a triangle have a total of 180°; sort triangles according to their properties

Use scales to weigh amounts to the nearest half interval

Convert from grams to kilograms and vice versa, from millilitres to litres and vice versa, and from metres to kilometres and vice versa

Read scales to the nearest half division

Understand that we measure distance in kilometres and miles

Use ready reckoning to give approximate values of miles in kilometres and vice versa

Draw line conversion graphs

Use a written column method to add amounts of money in pounds and pence

Add 2-place decimals using written column addition

Subtract decimal numbers using counting up

Science

Living things and their Habitats

Describe the differences in the life cycles of a mammal, an amphibian, an insects and a bird

Describe the life cycles of common plants

Explore the work of well know naturalists and animal behaviourists(David Attenborough and Jane Goodall)

Observe their local environment and draw conclusions about life-cycles, e.g. plants in the vegetable garden or flower border

Compare the life cycles of plants and animals in their local environment with the life cycles of those around the world, e.g. rainforests?

Cross Curricular Literacy Links

- Thought bubbles/speech bubbles
- Dialogue between animals
- Fact files/report on rain forest animal/s or rain forest
- Travel agent's leaflet on rain forest
- Poster about conservation of rain forest
- Descriptive writing - setting/creatures
- Re-writing sections of text to further engage the reader
- Newspaper/TV report
- Debate on conservation of rain forest - discussion writing
- Poem based on illustration



R.E.

What do Christians believe about God?

- How are metaphors used in the Bible?
- God as the creator

What is the importance of the Last Supper (Easter Unit)?

Spanish

-Developing and exploring an understanding of the function of the verb "to be" in a simple sentence. You may wish to look at the English version of the verb in preparation for this (I am/ you are/ he is ...etc).

-Performance/ drama based lesson where possible -Using familiar and unfamiliar language to explore a target language market and to build roleplays and dialogues to perform both to the class and as class assemblies . Focus on gender of nouns and polite requests.

-Using familiar and unfamiliar language to explore a recipe for a healthy fruit salad or vegetable dish. -Children are encouraged to think "Master Chef" and create an award winning recipe.

Geography

This term we will be looking at rainforests as our main driver for our topic. As part of this focus, we will cover the following aspects:

- Where are rainforests located?
- What are the layers of the rainforests
- How does the Amazon rainforest compare to a forest in the UK?
- How is the water cycle evident in the rainforest?
- Deforestation: The role of palm oil.

Rainforests: Are they the lungs of the Earth?



Art

Rainforest Patterns: Children create an abstract piece of art based on the intricate patterns and colours.

The focus will be on quality of colour matching and shape formation.

D.T

Children will be making a safe home for a wild animal (linking to our Science topic). The children will need to consider the natural habitat of the animal and the materials that could be used

PSHE – Church Leaders

1. Leadership – exploring leadership skills and how we can use them to change the world.
2. Inspirational Leaders – inspiring leaders & people of faith who have changed the world.
3. The Local Community – including an interactive walk and map making exercise.
4. The National Community – looking at the ABYYT and other charities that bring about change.
5. The Global Community – issues of justice and international charities working to bring change.
6. Community Action – pupils prepare for and serve in a local community project.

P.E.

Children will develop their aerobic fitness and capacity to be able to perform actions correctly and to develop understanding of the cardiovascular system and the different muscle groups using the correct names where possible.

The will use equipment to develop new activities and include these in a circuit made by the class

Computing

Children will be looking at coding, as well as assessing the reliability of websites. They will also be creating a short film on the rainforests using iMovie and creating rainforest art using *Pixlr*.

Music

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
Improvise and compose music for a range of purposes using the inter-related dimensions of music
Listen with attention to detail and recall sounds with increasing aural memory
Use and understand staff and other musical notations
Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians