

Curriculum Overview for Content for Year 4 – Rainforests

English

Formal Letters (4 weeks)
Explanation texts (3 weeks)
Traditional Stories (3 weeks)
Poetry – Poems (2 weeks)
Reading
Secure decoding of unfamiliar words
Read for a range of purposes
Retell some stories orally
Discuss words and phrases that capture the imagination
Identify themes and conventions
Retrieve and record information
Make inferences and justify predictions
Recognise a variety of forms of poetry
Identify and summarise ideas

Writing
Correctly spell common homophones
Increase regularity of handwriting
Plan writing based on familiar forms
Organise writing into paragraphs
Use simple organisational devices
Proof read for spelling and punctuation errors
Evaluate own and others writing
Read own writing aloud

Speaking and listening
Articulate and justify opinions
Speak audibly in standard English
Gain, maintain and monitor interest of listeners

Grammar
Use wider range of conjunctions
Use perfect tense appropriately
Select pronouns and nouns for clarity
Use and punctuate direct speech
Use commas after fronted adverbials

Art & Design

Use sketch books to collect, record and evaluate ideas
Improve mastery of techniques, such as drawing, painting, and sculpture with varied materials.
Learn about great artists, architects and designers.
Henry Rousseau inspired 'Tiger in a Tropical Storm' collage.

Computing

Multimedia-
To produce a power point related to theme e.g. deforestation.
Online – carry out and research Mayan culture. Understand that not everybody who builds websites puts accurate information on it.
Data – analyse and create bar charts in Excel linked to climate in rainforests.

Design & Technology

<http://mayas.mrdonn.org/food.html>

- Understand and apply the principles of a healthy and varied diet
- Prepare and cook a dish indigenous to the Mayan culture (Tortilla.)
- Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.

Geography

Geographic Skills and Fieldwork

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studies.
Understand geographical similarities and differences through the study of human and physical geography of S. America.
Physical Geography -Describe and understand key features of physical geography including climate zones, biomes and vegetation belts.
Human Geography – Including types of settlement and land use, economic activity, including trade links and the distribution of natural resources, including energy, food, minerals and water.

Mathematics

Number / Calculation
Know all tables to 12 x 12
Secure place value to 1000
Use negative whole numbers
Round numbers to nearest ten, hundred or one thousand
Use Roman numerals to 100 (C)
Column addition & subtraction up to 4 digits
Multiply and divide mentally
Use standard short multiplication

Geometry and Measures
Compare 2D shapes, including quadrilaterals and triangles.
Find areas by counting squares.
Calculate rectangle perimeters
Estimate and calculate measures
Identify acute, obtuse and right angles
Identify symmetry
Use first quadrant coordinates
Introduce simple translations

Fractions and Decimals
Recognise tenths and hundredths
Identify equivalent fractions
Add and subtract fractions with common denominators
Recognise common equivalents
Round decimals to whole numbers
Solve money problems

Data
Use bar charts, pictograms and line graphs

Modern Languages

Asking for things
Jungle Animals
Verbs – revise aimer. Introduce être and avoir weather

Listen & engage
Ask and answer questions
Speak in sentences using familiar vocabulary
Develop appropriate pronunciation
Show understanding of words and phrases
Appreciate stories, songs, poems and rhymes.
Broaden vocabulary.

Music

Poetry and Composition
Looking at music notation.
Building an extended performance piece from a poem
Using canon and ostinato as accompaniments
Paying attention to notation, accent, diminuendo and balance
Using beat box techniques to imitate the sound of a drum kit
Performing a rap with a vocal beatbox accompaniment
Performing a poem with rhythmic accuracy
Devising a rhythmic accompaniment based on repeated text fragments.
Balancing voices in a performance
Exploring how different timbers can be descriptive
Exploring combinations of different timbers to accompany a song
Learning how to accompany a song with drone and ostinato on tuned percussion
Exploring the descriptive music of two major composers
Composing an introduction for a song.

Science

Living things and their habitats Animals including humans

Asking relevant questions and using different types of scientific enquiries to answer them
Setting up simple practical enquiries comparative and fair test
Making systematic and careful observations and where appropriate taking accurate measurements using a range of equipment including thermometers and data loggers
Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions.
Recording findings using simple scientific language, drawing labelled diagrams, keys, bar charts and tables.
Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
Identifying differences, similarities or changes related to simple scientific ideas and processes.
Using straight forward scientific evidence to answer questions to support their findings.
Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

History

Study of the Mayans

Chronological understanding
Historical enquiry
Historical interpretation
Organisation and communication
Knowledge and understanding of past events people and change

To have a chronological understanding of the Mayans.
To know how to use dates and vocabulary relating to passing of time including ancient and modern, BC, AD, century and decade.

To know about the hierarchical ruling system
To understand the importance of the gods to the Mayans
To understand what life was like for the Mayans including food, entertainment, health, homes, buildings, clothing, etc

Physical Education

Gymnastics
Football

Use running, jumping, catching and throwing in isolation and in combination
Play competitive games, modified as appropriate
Develop flexibility and control in gym
Compare performances to achieve personal best

Religious Education

Christianity - what do Christians believe God is like and how does believing in God influence people's lives?

Who was Jesus and why do people follow him?