

Rainforests

Key Vocabulary:

Amazon
forest floor
understory
canopy
emergent
deforestation
trade
Equator
Tropics
biome
vegetation belt

Home learning ideas:

- Make a model showing the layers of the rainforest using any resources
- Invent a new animal that could live in the rainforest – write about it or create a model of it.
- Create a fact file about one of the rainforests in the world.

Maths:

Fractions, Decimals & Percentages

- Multiply one-digit numbers with up to two decimal places by whole numbers
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- Add and subtract fractions with different denominators and mixed numbers
- Multiply and divide simple pairs of proper fractions, writing the answer in its simplest form.

Algebra

- Use simple formulae
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy an equation with 2 unknowns
- Enumerate possibilities of combinations of 2 variables

Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average

Geometry – Properties of Shape

- Recognise, describe and build simple 3-D shapes, including making nets
- Compare and classify geometric shapes based on their properties and sizes, and find unknown angles in any triangles, quadrilaterals, and regular polygons.

Science:

Living things and their habitats:

- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- Give reasons for classifying plants and animals based on specific characteristics

Key questions for this area of learning:

- How can a rainforest be described and how important is it?
- Are there alternatives to deforestation?
- What characteristics would an animal or plant need to survive in a rainforest?

English:

Story: Write a Tale of Fear story

Texts used: 'Jack', Clockwork

Discussion: Write a balanced argument

Texts used: 'Are video games good for children?', various balanced arguments

Rainbow Grammar and SPaG:

Subjunctive form, adverbs, phrasal/precise verbs, dialogue, modal verbs, semi-colon, colon, dash, word class

Visits, visitors or key events:

- Local walk regarding classification and habitats of plants and animals



Computing:

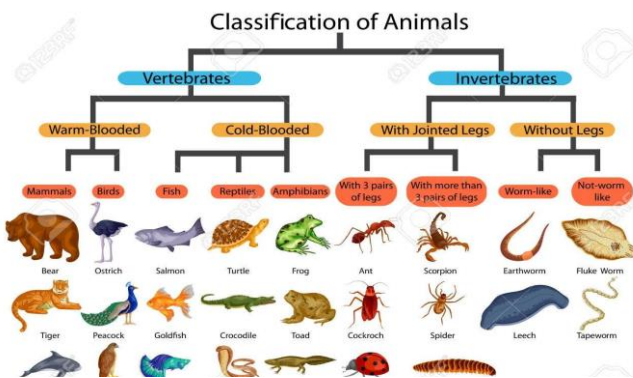
Web Page Creation

- To review an existing website and consider its structure.
- To plan the features of a web page.
- To consider the ownership and use of images (copyright).
- To recognise the need to preview pages.
- To outline the need for a navigation path.
- To recognise the implications of linking to content owned by other people.

Art and Design

Printing

- Develop skills in changing the level of a surface to result in ridges that will pick up ink, and troughs that will not.
- Study the work of other printers and cultures.
- Make studies for a print and trace the image onto polystyrene.
- Consider 3 colours, starting with the lightest first and develop a 3-colour print with more confidence about where each colour will be picked up.
- Prepare 2 polystyrene print blocks that are mirror images, understanding about reflecting the image after printing to make a 4-way print.



RSHE:

Drugs, Alcohol and Resistance Training

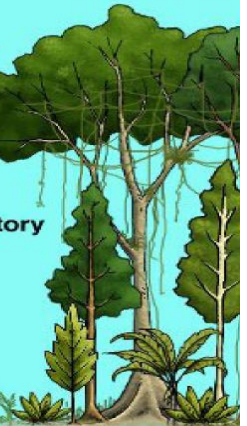
- Know some of the commonly available drugs and substances and their effects.
- Understand that there are some drugs that are restricted/illegal to own, use and give to others.
- Understand the effects that caffeine and energy drinks may have on my body.
- Understand why some adults may drink alcohol.
- Discuss if drinking alcohol is socially acceptable.
- Know the effects alcohol can have on our bodies.
- Know that drinking alcohol can affect people's behaviour.
- Know that smoking can damage your immediate and future health.
- Know what the effects of vaping can have on a growing body.
- Know that pressure to behave in an unacceptable, unhealthy or risky way can come from a variety of sources, including people who are known and the media.
- Recognise when and how to ask for help and use basic techniques for resisting pressure to do something dangerous, unhealthy, that makes you uncomfortable, anxious or that is believed to be wrong.
- Know who is responsible for helping us to stay healthy and ways that we can help others.

Emergent Layer

Canopy Layer

Understory Layer

Forest Floor



French:

Au Salon de thé (At the tea room)

- To learn 11 masculine nouns and 9 feminine nouns for popular food and drink.
- To learn transactional language required to order food and drink.
- To learn how to ask for the bill and say thank you and goodbye.
- To understand currency.

Geography:

Deforestation

- Identify the position and significance of the Equator, latitude and longitude, Hemispheres, the Tropics and the Arctic and Antarctic Circles.
- Describe and understand climate zones, biomes and vegetation belts.
- Understand geographical similarities and differences in the UK and around the world through the study of deforestation.
- Understand how deforestation interlinks with types of settlement and the distribution of natural resources.
- Use maps and atlases to locate areas and describe features

RE:

Beliefs in action in the world:

- Discover and explore what Jewish people, Humanists, Hindus and Christians teach about how we can all live together for the wellbeing of each other.
- Discover and explore the teaching and practice of different religions in looking after the planet and caring for the earth and all its creatures

PE:

Fitness

Dance