



# Rocking Rainforests

## Geography

- In Geography the children will learn about human and physical geography
- How to use maps to identify land use and type
- Where in the world are famous rainforests and how they are represented in maps, aerial pictures and images
- Name the major rainforests of the world.
- How to use maps, atlases, globes and digital/computer mapping to oceans and rivers and describe features studied
- Understanding how rainforest provide so much for the world and are hugely at threat.
- The layers of the rainforest and each of their roles
- Who and what the rainforest is a habitat to
- Weather patterns in tropical rainforests
- Measuring rainfall and the importance of rain
- The importance of conservation

## Art and Design

In art children will create sketch books to record their observations and use these to review and revisit ideas. They will learn how to improve in mastery of art and design techniques, including drawing, painting and sculpture with a range of materials. Lastly, they will learn about various artists, architects and designers in history.

## Computing

Children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. They will understand computer networks such as the world wide web and how these are a useful resource.

## Science

- This half term children will be learning all about that living things can be grouped in a variety of ways
- how to explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- that environments can change and that this can sometimes pose dangers to living things.
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- identifying differences, similarities or changes related to simple scientific ideas and processes

## History

Children will be learning about

- History of the rainforest.
- Conservations and changes to rainforests over time

## Design and Technology

Children will select from and use a wider range of tools and equipment to perform practical tasks accurately. They will also use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

## Extracurricular links

Here is a list of ideas to support your children with our thematic curriculum at **home**:

**At home:** Research rainforest areas. Use Google Earth to look at rainforests from a bird's eye view.

**Places to visit:** London Zoo (Rainforest area), Virginia Waters, The Discovery Lookout Centre, Thames Valley Adventure Park

**Website links:** <https://www.natgeokids.com/uk/discover/geography/physical-geography/15-cool-things-about-rainforests/>

<https://www.rainforest-alliance.org/kids>

## Spelling list

Here is a list of words to support your child with our thematic curriculum:

- |               |                |
|---------------|----------------|
| habitat       | tropical       |
| home          | understorey    |
| environment   | cloud forest   |
| location      | vines          |
| distance      | ground         |
| facilities    | base           |
| local         | emergent       |
| rainforest    | layer          |
| canopy        | food chain     |
| layers        | classification |
| climate       | living         |
| similarities  | breathing      |
| differences   | produce        |
| diversity     | ingredients    |
| camouflage    | trade          |
| evergreen     | adapting       |
| indigenous    | comparison     |
| animals       | conservation   |
| plants        | protection     |
| fungi         | monsoon        |
| extinct       | dangers        |
| living        | growth         |
| deforestation | conserve       |
| colony        | develop        |
| branches      |                |