



Biomes

Year 4 | Autumn 2

CURRICULUM SPOTLIGHT: Geography | Art | Science

ENQUIRY

Should the destruction of forests ever be allowed?

OUTCOMES

Geographical report

VOCABULARY

biome, ecosystem, aquatic, barrier reef, grassland, forest (coniferous, deciduous, rain) desert, tundra, biodiversity, canopy, deforestation, emergent layer, fauna, flora, forest floor, habitat, middle layer, extinction, species, vegetation belts

KEY TEXTS

The Great Kapok Tree

The Explorer

The Incredible Eco-Systems of Planet Earth

Tundra Biomes Around the World (Exploring the World's Biomes) by Phillip Simpson

BACKGROUND KNOWLEDGE

<https://www.geographypods.com/24-rainforests--deserts.html>

Our Planet (2019)

<https://www.youtube.com/watch?v=0fb8143ndo8>

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zvsp92p>

<https://education.nationalgeographic.org/resource/deforestation>

<https://www.rgs.org/schools/teaching-resources/the-upside-down-forest/>

RESOURCES

Rainforest biome plants, biome books, card, coloured pens, maps and atlases

<https://www.rgs.org/schools/teaching-resources/>

CORE CURRICULUM LEARNING OUTCOMES

English	Mathematics	Physical Education	Computing
<p>Spelling</p> <ul style="list-style-type: none"> - Phonemes: oe, u/schwa, ue, air, ear, er, oo, or <p>Grammar</p> <ul style="list-style-type: none"> - fronted adverbials - paragraphs - using conjunctions, adverbs and prepositions to express time and cause 	<p>Composition and Calculation</p> <ul style="list-style-type: none"> - Tenths, hundredths and thousandths - Addition and Subtraction – written and mental methods 	<p>Social</p> <ul style="list-style-type: none"> - Dynamic balance to agility-jumping and landing - Static balance- seated - Gymnastics 	<p>E-safety focus</p> <ul style="list-style-type: none"> • Use technology safely and respectfully • Understanding what information needs to be kept private • Identify a range of ways to report concerns online.
PSHCE and PRE	Spanish		
<p>PSHCE</p> <ul style="list-style-type: none"> - Relationships and Sex Education - Anti-bullying <p>PRE</p> <ul style="list-style-type: none"> - Christianity – the Gospels 	<p>Personal</p> <p>Family</p>		
Geography	Science		
<p>Biomes</p> <ul style="list-style-type: none"> - Interpret sources of geographical information – maps / aerial photographs. - Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers etc 	<p>Animals</p> <ul style="list-style-type: none"> - Construct and interpret a variety of food chains, identifying producers, predators and prey. 		

