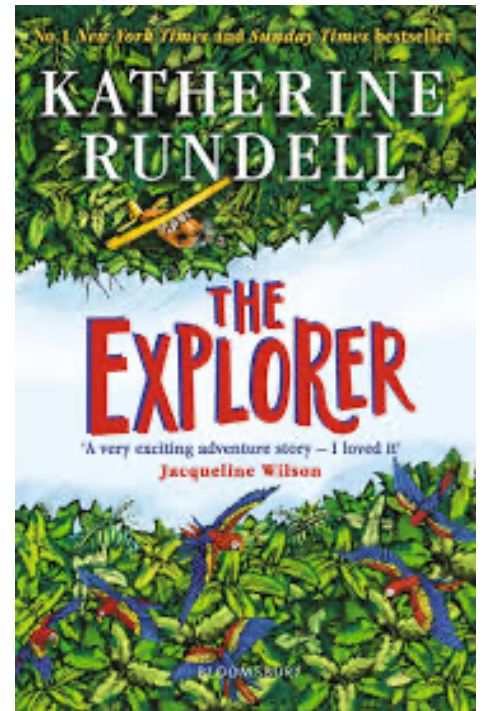


Year 4: Autumn 1 Curriculum Overview

What are we learning this half term?

English-Cairngorms.

This term we will be starting a brand new book which links really beautifully to our Geography topic – Into the Rainforest. The Explorer by Kathrine Rundell.



Spellings for this half term are:

Week 1	<u>-cian suffix</u> (used to describe a job or profession) musician electrician magician politician mathematician optician knowledge learn	Week 4	<u>Double the consonant</u> (when you hear a short, stressed vowel, double the consonant after it) forgotten forgetting beginner beginning butter buttering letter lettering gardener gardening limit limiting
Week 2	<u>-ssion suffixes</u> (double the consonant after a short, stressed vowel) expression mission discussion confession permission admission length library	Week 5	<u>y as an i sound</u> (y can sound like a consonant or a vowel) myth gym Egypt pyramid mystery crypt symbol syrup cylinder natural naughty
Week 3	<u>-sion suffix</u> (zh sound after a long vowel) confusion inclusion division decision television collision material medicine	Week 6	<u>Revise all previously learnt spellings</u> musician optician mathematician expression mission discussion division collision television confusion forgotten lettering notice occasion occasionally

First hand experiences for writing

Pomegranate description



Writing genre: Description

Vocabulary: tart, succulent, ripe, crimson, spherical, glossy, smooth, plump, firm, tangy, crunchy, vibrant, exotic, refreshing, revitalising, delicate, zesty, fleshy, leathery, jewels, bejewelled, sprout, rubies, clusters, glisten, nestled, jewel-like, treasure trove, mouth-watering, scarlet, delicious, husk.

Footprint discovery



Writing genre: Adventure story

Vocabulary: scuttled, flora, fauna, leaf, leaves, rustling, autumnal, lush, canopy, trunk, bark, branches, twittering, chirped, scurrying, scampering, breeze, vegetation, wildlife, forest floor, twigs, undergrowth, a carpet of moss, fronds of ferns.

Maths

Red Rose Mastery Maths Scheme: Year 4 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Unit 1 Place Value, Addition and Subtraction	Unit 5 Multiplication	Unit 9 Place Value	Unit 14 Addition and Subtraction and Money	Unit 20 Place Value	Unit 24 Fractions
Week 2				Unit 15 2-D Shape and Sorting	Unit 21 Addition and Subtraction	
Week 3	Unit 2 Length and Perimeter	Unit 6 Division	Unit 10 Multiplication			Unit 16 Position and Direction
Week 4	Unit 3 Statistics	Unit 7 Time		Unit 17 Area	Unit 22 Multiplication and Division and Measures	Unit 26 Statistics
Week 5	Unit 4 Addition and Subtraction	Unit 8 3-D Shape	Unit 11 Division	Unit 18 Statistics		
Week 6		Assess and review week	Unit 12 Addition and Subtraction	Unit 19 Measures	Unit 23 Area	Unit 27 Place Value
	Unit 13 Fractions		Assess and review week			

Science: Animals including Humans

- Identify the organs in the digestive system
- Describe the functions of the main organs in the digestive system
- Identify the types of human teeth and their functions
- Investigate the effects of different liquids on teeth
- Understand food chains
- Explore food webs

Geography: Into the Rainforest

- Name, locate and describe the worlds biomes.
- Identify the tropical rainforest belt in relation to the Equator, Tropic of Cancer and Tropic of Capricorn.
- Locate key South American cities/countries in which rainforests exist, linking with 4 figure grid referencing.
- Gather and present data on tropical rainforest climate and compare to Clitheroe.
- Name the layers of a tropical rainforest and explain their characteristics.
- Understand geographical similarities/differences between a region in South America and the UK.
- Understand how tropical rainforests have changed overtime, focusing on deforestation in the Amazon.

Computing: Unpacking Hardware and Software

- To understand what technology is, where we see it in everyday life and how it helps us at school, home and beyond.
- To identify and describe different pieces of computer hardware and understand their functions.
- To understand what software is and how we use it to complete tasks.
- To explore how hardware and software interact to complete everyday tasks.

Art: Painting -Rainforest vibes

- To revise the colours of the colour wheel and the colour spectrum.
- To replicate different brush strokes with paint, honing painting techniques.
- To paint tonal stripes of rainforest colours in watercolour
- To study the art work of Nixiwaka Yawanawa.
- Use a sketch of a tree to make an oil pastel picture.
- To paint a foliage background for Amazon wildlife in the stye of John Dyers.

RE: Hinduism

- What are duties and moral virtues, and how can they guide people on how they should live their lives?
- Where can we see 'goodness' and 'light' in the world?
- How does good overcome evil in the Ramayana?
- How does Rama fulfil the role of avatar and what can Hindus learn from his actions in the Ramayana?
- How is Diwali celebrated and why is 'light' so significant in the festival?
- What might a Hindu learn from celebrating Diwali?

PE: Sending and Receiving

- Tag rugby,

Endeavours: Artisan

- Cam toys