

Maths

Place Value

- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- Identify, represent, and estimate numbers using different representations
- Read, write, compare, and order numbers up to 1000 in numerals and in words
- Solve number problems and practical problems involving these ideas.

Addition and Subtraction

- Add and subtract numbers mentally
- add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- estimate the answer to a calculation and use inverse operations to check answers
- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Multiplication and Division

- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know.
- solve problems, including missing number problems, involving multiplication and division.

Music

- Play and perform musical instruments with accuracy, fluency, control, and expression
- Listen and recall sounds with increasing aural memory
- Develop an understanding of the history of music.

Real P.E

- Running, throwing, and catching skills
- Balance, agility, and flexibility skills
- Team games

Year 3 Topic Overview Autumn Term 2021

Topic (History/ Geography)

Rainforests

- Locate countries where rainforests are found
- Know rainforests are found near the equator
- Describe weather in tropical climates
- Name the four layers of the rainforest
- Know about animals and plants living in the rainforest
- Explain why different animals and plants live in different layers
- Compare similarities and differences between two different rainforests
- Know about people who live in the rainforests
- Know about deforestation and the impacts on animals and environment
- Discuss ways to save the rainforests

Big Question: Where am I? Where are we going? What has God given us?

FOCUS: Rainforests

RE

Unit A: Belonging – We gather as God’s family - To know about the sacrament of Baptism and the celebration of Mass.

Unit G: Prayer - To know about the prayer life of Jesus looking at the signs and symbols associated with prayer.

Unit E: We listen to God’s word at Mass - Listening and finding out about the Liturgy of the Word at Mass.

Unit C: Advent – To understand Advent is a time to prepare for Christmas and reflection on Christ being in the world.

English

- Narratives: Journey to the River Sea by Iva Ibbotson
- Poetry: A kick in the Head – An Everyday Guide to poetic forms by Paul Janeczko
- Information texts: Unfolding Journeys: Amazon Adventure by Lonely Planet Kids

Drama

- Hot-seating characters
- Freeze frames

Grammar

- Using 'a' and 'an' correctly
- Expressing time, place, and cause with conjunctions, adverbs, and prepositions
- Using paragraphs to group related ideas
- Using headings and sub-headings
- Using the present perfect form of verbs
- Using inverted commas to punctuate speech

Computing

123SOW computing scheme

PSHE

Continuation of PSHE scheme – Alive to the World

Art/ D.T

- Large class collage of the 4 layers of the rainforest
- Study and create own painting in Henri Rousseau’s style.
- Create Mola art on dyed cloth
- Create tribal headdress
- Pastel drawings

Science

Animals, including humans

- Identify that animal, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- Identify that human and some other animals have skeletons and muscles for support, protection and movement

Light

- Recognise that they need light in order to see things and that dark is the absence of light
- Notice that light is reflected from surfaces
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by an opaque object
- Find patterns in the way that the size of shadows changes

Knowledge Organiser Autumn Term 2020

TOPIC	SCIENCE
<p><u>Key Facts and Vocabulary – Rainforests</u></p> <p>Rainforests Equator Tropical Climates Layers Animals Plants Deforestation South America Europe Temperature Tribes</p>	<p><u>Key Vocabulary – Animals, including humans and Light</u></p> <p>Animals Humans Nutrition Skeletons Muscles Support Protection Movement Light Reflect Surfaces Shadows Opaque</p>
<p>Star Questions- these are key things to think about.</p>	
<p>* Name the four layers of the rainforest. ** Where are rainforests located in the world? *** Describe what the weather is like in a tropical climate? **** Explain why different animals live in different layers. ***** Explain the impact of deforestation on the rainforest.</p>	<p>* Name the five food groups ** What is a balanced diet? *** How do nutrients, water and oxygen transport around the body? **** Why do humans need a skeleton? ***** Explain why exercise is important for the body</p> <p>* Why do humans need light? ** Describe how light is reflected? *** Why is the light from the sun dangerous? **** Explain how shadows are formed. ***** Explain how the size of the shadow can change.</p>

The questions are of increasing difficulty, encouraging pupils to be 'ambitious for the higher gifts'. The four and five star questions are designed to be opened ended and rely on higher order thinking. Perhaps these questions could form the basis of discussions at home, as well revisiting key knowledge in the first three star questions.