

MATHS

Children will learn:



- Factor pairs
- Multiplying and dividing by 10 and 100
- Multiplying a 2 and 3-digit number by a 1-digit number
- Dividing a 2 and 3-digit number by a 1-digit number
- To measure in kilometres and metres and equivalent lengths
- To calculate the perimeter of a rectangle and rectilinear shapes
- To calculate the perimeter of polygons
- To compare and order mixed numbers
- About improper fractions
- To convert between mixed numbers and improper fractions
- Equivalent fractions
- Adding and subtracting fractions and mixed numbers
- Tenths and hundredths as fractions and decimals
- Dividing by 10 and 100

RAINFORESTS

Year 4 spring



READING AND WRITING

Children will continue to use VIPERS in Guided Reading sessions



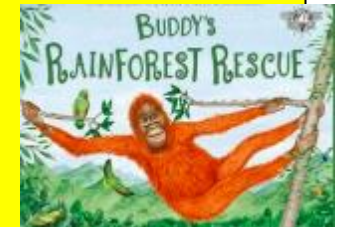
The class book they will be reading is: Buddy's Rainforest Rescue

In grammar lessons the children will learn about:

- Different tenses and when they should be used
- Figurative/descriptive language including metaphors and personification
- Subordinate clauses
- Apostrophes for contraction
- Apostrophes for possession
- Speech marks

In writing the children will be using their knowledge to write:

- A Balanced argument about deforestation
- A poem about a rainforest fruit
- A story based on the setting and plot of The Explorer.
- A fact file about a rainforest animal
- A non-chronological report about famous rainforest explorers.
- A letter/message in a bottle asking for help to be saved from the rainforest.
- A comic strip based on key events or the story.



ART and DESIGN and TECHNOLOGY

In art the children will learn:

- To use basic shapes to block out pictures and redraw
- About colour fades
- To mix colours effectively
- Use found resources to create different artwork and colours

In Design and Technology children will learn:

- Prepare and cook a variety of dishes during their outdoor learning sessions.
- About 3D nets
- To plan, design, test and evaluate a flood-proof home.



RE

Children will be learning about:

Christianity

- Holy week
- Mary
- The Easter Story

Islam

- The Prophet Muhammad
- Five pillars
- Prayer
- Qu'ran
- Ramadan

SCIENCE

Children will learn:

Working scientifically

- To make systematic and careful observations of the environment around them
- How to classify

Animals, including humans

- To describe the simple functions of the organs involved in the digestive system
- Identify different types of teeth and their functions
- To construct and interpret a variety of food chains
- Identify predators, prey and producers

Living things and habitats

- How to group different living things
- What makes something living
- Use classification keys
- How environments change, particularly linked to deforestation and the danger this poses to living things.



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PE

Children will learn:

- To throw and catch accurately with one hand
- Correct tackling techniques
- How to follow specific rules
- Applying their skills to a game
- To vary tactics and adapt skills depending on what is happening in the game

which will be explored through tag rugby

Gymnastics with a focus on the cognitive skill

- To explain what they are doing well and identify areas for improvement

Dance with a focus on the physical skill

- To perform and repeat longer sequences with clear shapes and control



MUSIC

Children will learn:

- How to appraise different songs
- To develop an understanding of rhythm and pitch
- To play tuned and untuned percussion

GEOGRAPHY AND HISTORY

In geography children will learn:

- About biomes and the features of a specific biome
- To use atlases maps and globes to locate rainforests of the world and specifically the location of the Amazon rainforest.
- Describe the Amazon rainforest according to these key terms: climate, hemisphere, other places surrounding (including the names of South American countries), time zone, latitude, comparing to us, bodies of water.
- About the human and physical features of the rainforests including: flora and fauna, indigenous people, layers of the rainforest and resources found there that we use today.
- The impact of deforestation.

In history the children will learn:

- About a local history study – Surrey Street Fountain Restoration Project

COMPUTING

Children will learn:

- About online relationships
- About data and information – Data logging
- About programming, specifically repetition in games like Scratch

FRENCH

Children will learn:

- Food and vocabulary relating to food
- Sports

PSHE

Children will be following the Jigsaw programme and learn:

- To express their hopes and dreams
- To reflect on positive experiences as well as disappointing ones
- To make new plans and goals if needed
- To work out the steps needed to achieve a goal independently or as part of a team
- About different friendship groups and changing dynamics
- About smoking and alcohol and its effects on health
- How to recognise when they are being pressured by others
- About their views on what is right and wrong

