



Challenge, Equality & Opportunity

HALF TERM OVERVIEW FOR KEY STAGE 2 - TERM Summer Term 1 – 2021

Science/Geography – Radiant Rainforests



Through the topic the children will...

- know where rainforests are found in the world
- know where the equator is
- know where the tropics are
- have gained an impression of what it is like in the rainforest.
- know how the rainforest is structured;
- recognise differences between the layers;
- understand how plants have adapted to the different conditions in each layer.
- about the water cycle and growing conditions in a rainforest
- observe and record what happens
- work cooperatively to create a product.
- Know the products we use that come from the rainforests
- identify products of the rainforest using their sense of smell.
- Know the effect of heat on chocolate
- plan and carry out an investigation
- record their findings
- draw a conclusion from the results they collect.
- carry out a focused research task
- gather information in note form
- present the information in an informative and interesting way
- communicate their research to others
- learn about the nature of poison dart frogs
- plan and carry out an investigation
- record their findings
- draw a conclusion from the results they collect.

Through the topic the children will investigate the following key questions...

Where are the rainforests?

What are the rainforests like?

How can we create a rainforest?

What do we get from the rainforest?

When and why does Chocolate melt?

What animals live in the rainforest?

How do people use poison dart frogs to hunt?

How do we classify animals and insects?

What is the greenhouse effect?

What is climate change?

Why is the rainforest being destroyed?

What role does the rainforest have to play in climate change?

- identify animals and plants using a key
- sort and classify animals and plants using a key of their own design
- learn about the role of the rainforests within 'climate change'
- learn about the impact of rainforest destruction
- learn about campaigns to protect the rainforest
- persuade others to protect the rainforests

RE/PHSE – Morals and Dilemmas

PE – Football and Playground games

Through the topic the children will...

Through the topic the children will...

Playground Games

Through the topic the children will investigate the following key questions...

Football

- explore the concept of right and wrong.
- explore responses to poverty.
- explore the complexities of choice.
- explore moral issues around helping others.
- understand that morality is often linked with fairness.
- be able to make the correct choices in a moral dilemma

- play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending.

- How can I work as a team to play 'Cat and Mouse'?
- Can I cooperate with others to play 'Catch the Dragon's Tail'?
- Can I listen and respond quickly to effectively participate in the 'Fish in the Sea' game?
- Can I use my observational skills to play 'Queelio Cockio' effectively?
- Can I invade / defend appropriately as part of 'The Keeper of the Treasure' game?
- Can I work as part of a group to choose and play a series of games?

- Sessions delivered by Lee Sterry Sports Service

Computing – Stop Motion Animation

ART/DT – RAINFORESTS

Through the topic the children will...

Through the topic the children will investigate the following key questions...

- explore possibilities of stop motion animation using everyday objects.
- further explore possibilities of stop motion animation using drawings.
- create a stop motion animation
- review and reflect on learning and progress.

- **What is a stop motion animation?**
- **How is one created?**
- **What is another option for making a stop motion animation?**
- **How can I show something I know about rainforests using stop motion animation?**
- **What have I learned?**

Through the topic the children will learn will...

Through the topic the children will investigate the following key questions...

- learn about 3D form – model/construction – show understanding of shape, space and form.
- choose suitable techniques to construct products or to repair items
- strengthen materials using suitable techniques
- make informed choices including paper and media.
- alter and refine drawings and describe changes using art vocab.
- research to inspire drawings from memory and imagination. Explore relationships between line and tone, pattern and shape, line and texture.
- research, design and evaluate a product using a variety of techniques.
- select broadly the kinds of materials they want to use in order to get the effect they want.

- **Can I make something useful for someone else?**
- **What do I want to design?**
- **Can I learn a new skill (sewing)?**
- **Can I construct a finished product?**
- **Can I see good ideas and improve my own?**

MUSIC – Pocket Trumpets and Musical Theory

Through the topic the children will learn about...

- play instruments, perform and share pieces using the Pocket Trumpets taught by Newcastle Music Service
- listen, appraise and read musical notation