

Year 3/4 Spring 2



Green Grangers

Children will be learning about Rainforests, its habitats and wildlife whilst using the theme to explore art, DT and ICT topics

Grange View C.E
First School



KUW— Knowledge based objectives Science—

Make systematic observations and measurements, make a fair test
Investigate the effect of temperature and light on plant growth
To learn about pollination
To learn about the different plants and animals found in different habitats
Construct a circuit incorporating a battery, switch and electrical device
Understand that micro-organisms may be harmful
To use food chains to show feeding relationships in a habitat.

Geography -

To use atlases and globes
Find locations of places and environments
To describe where places are
To know the location of environments
To recognise human processes and explain how they can cause changes in environments
Explore an environmental issue
RE— See separate planning

KUW— Skills based objectives to focus on:

Geography -

Gather information:
- Ask geographical questions
- Use appropriate Terminology

Science— Concluding

- identify differences, similarities or changes related to simple scientific ideas and processes -report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- use straightforward scientific evidence to answer questions or to support their findings

ONGOING MUSIC learning to play the ukulele (Y3)

Week 1 and 2

FAIRTRADE FORTNIGHT 27th Feb—12th March

Literacy - Stories from other cultures (2 weeks)

ICT— Changing digital images

Science/Geog—What are different rainforests like around the world?

Science—What is pollination and how does it happen?

Thursday 2nd March—World Book Day

ICT— Changing the composition of images

Geography/ Art— How do aerial view photographs highlight deforestation?

Science—How does light affect the growth of seedlings?

Thursday 9th March— Numbers Day

Week 3 and 4

Literacy - Poetry (2 weeks)

ICT— changing images for different uses

Geography—How are the rainforests being destroyed?

Science—What dangers are there in the rainforest?

WB 13th March —STEM WEEK

Friday 17th March—Red Nose Day

Sunday 19th March—Mothers Day

ICT— Retouching images

Geography/ Art— How does the rainforest produce useful products for us?

Science/ Geog—How do monkeys and apes differ in different habitats?

Week 5

ICT— Fake images

Science—How does a rainforest food web compare to the arctic?

Science— How can we use a circuit to create our own fireflies?

Easter service and preparations

Mathematical Development

Measurement—Length, perimeter and area

Measure, compare, add and subtract: lengths (m/cm/mm).

Measure the perimeter of simple 2D shapes. Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
Fractions and decimals

Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.

Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10

Recognise and show, using diagrams, equivalent fractions

Add and subtract fractions with the same denominator within one whole.

Compare and order unit fractions, and fractions with the same denominators. Solve problems that involve all of the above

Fridays fluency: To develop times table fluency and recap skills

OUR ARTIST SPINE IS: Henri Rousseau

Creative Development

Art -

To collect visual information to help develop ideas

Combine visual qualities of materials and match them to the purpose of the work

Compare approaches to their own and others' work

To question and make observations for starting points for their work

DT -

To generate ideas for products

To measure, mark out, cut a range of materials and assemble and combine components and materials

Music (Y3)

To follow a steady beat

To know the value of the different length bars on the instrument

To learn and perform a given tune on the ukelele

To understand the meaning of staccato

PSED—Health and Wellbeing (Jigsaw)

Y3: Healthy me

To have made a healthy choice

To have eaten a healthy, balanced diet

To have been physically active

To have tried to keep themselves and others safe

To know how to be a good friend and enjoy healthy friendships

To know how to keep calm and deal with difficult situations

Y4: Healthy me

To have made a healthy choice

To have eaten a healthy, balanced diet

To have been physically active

To have tried to keep themselves and others safe

To know how to be a good friend and enjoy healthy friendships

To know how to keep calm and deal with difficult situations

Mastery opportunities for maths:

-To use rulers accurately to measure heights of the plant growth
-to read and compare number values for light on data loggers
-Knowledge of angles for making pop up cards
-to look for patterns in nature when studying aerial pictures of deforestation
To total money for their rainforest saving project

Arts specific learning (Y4):

Art: To improve their mastery of techniques including **drawing**, painting and sculpture with a range of materials eg: **pencil**, charcoal, paint and clay.
KS1 techniques to master: colour, pattern, texture, **line**, **shape**, form

Physical Development

TUESDAY am

Newcastle Foundation:

Games: Attack and defending

WEDNESDAY pm - SWIMMING

Key

Outside environment

Multiculturalism

Arts



Communication Language and Literacy

Narrative writing—stories from other cultures, setting description and applying characterisation and dialogue
Poetry—focus on composition & rhythm

ICT- Creating images—photo editing

- Changing digital images
- Changing the composition of images
- Changing images for different uses
- Retouching images
- Fake images

MFL- French (Animals and body parts)

COMMUNICATION

Expressing likes et dislikes about animals.

Questions about pets

Being able to name parts of the body

Say which body part we exercise

Instructions for movements

GRAMMAR

Plural of nouns

VOCABULARY

Body parts

Animals

CULTURE

French comic characters-animals

Mastery opportunities for Literacy:

-To write a rainforest story using knowledge of settings and habitats
- To create a poster to prevent deforestation
-To design and evaluate their science experiments
-To use descriptive language to describe their rainforest food web for the podcast
-To use talk for writing language to predict, reason and explain investigations
- to write persuasively to protect the rainforest
- to explain the link global warming has with the rainforests

