# Curriculum Overview for Year 5 ~ Spring Term 2017 (Rainforests)

## English

Beowulf, "The Lucky Dip" (a short animated film), work on Rainforests (factual texts, arguments/debates), poetry (including song lyrics and learning poems by heart to recite) and giving oral presentations (supported with ICT skills).

#### Reading

Fractions

Compare and order

fractions whose

fractions.

fractions.

and division.

denominators are all

multiples of the same number.

fractions of a given fraction.

Add and subtract fractions.

numbers by whole numbers.

Identify, name and write equivalent

Read and write decimal numbers as

Multiply proper fractions and mixed

Solve problems involving multiplication

Recognise mixed numbers and improper

- Read books that are structured in different ways and read for a range of
- Recommend books that they have read to their peers, giving reasons for their choices.
- Identify and discuss themes and conventions in and across a wide range
- Make comparisons within and across books.

#### Writing

- Spell words that use a hyphen.
- Spell words with the /i:/ sound spelt ei
- Use a wide range of devices to build cohesion within and across paragraphs.
- Use further organisational and presentational devices to structure text.
- Assess the effectiveness of their own and others' writing.
- Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.
- Use expanded noun phrases to convey complicated information concisely.

#### Grammar

- Use modal verbs or adverbs to indicate degrees of possibility.
- Use relative causes.
- Convert **nouns** or adjectives into verbs using **suffixes**, e.q. –ate; –ise; –ify).
- Use passive verbs to affect the presentation of information in a
- Recognise vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms.

## Art & Design

- Use sketch books to review and revisit ideas.
- Improve their mastery of techniques, including an increasing awareness of different kinds of art, craft and
- Learn about great artists in history such as Georgia O'Keeffe and Henri Rousseau.

Rainforest inspired art using pastels and a range of art media.

## Computing

- Understand computer networks including the Internet.
- Use search technologies effectively.
- Be discerning in evaluating digital content.
  - Use technology safely.

Logo', 'Scratch' and Microsoft Office.

## Design & Technology

- Investigate and analyse a range of existing products.
- Evaluate ideas and products against design criteria.
- Understand seasonality (sowing seeds).
- Understand and apply the principles of a healthy and varied diet.

Smoothie making.

#### Geography Rainforests

- atlases, globes and • Use maps, digital mapping.
- Use the eight points of a compass.
- Use four and six-figure grid references.
- Describe and understand key aspects of physical
- Describe and understand key aspects of human
- Develop place knowledge South American (Amazon)
- Develop locational knowledge.

#### **Mathematics**

#### Decimals

- Read, write, order and compare numbers with up to 3 decimal places.
- Recognise and use thousandths.
- Round decimals with two decimal
- Solve problems involving number up to 3 decimal places.
- Multiply and divide whole numbers and those involving decimals.
- Use all four operations to solve problems involving measure.

Percentages

- Recognise the per cent symbol (%) and understand what it means.
- Solve problems which require knowing percentage and decimal equivalents.

# PSHE &

# Citizenship

- Good to be Me!

Circle time activities and games, raising awareness of

- Citizenship and Safety

issues that affect the children.

#### Music

• Develop an history of music.

understanding of the

- Appreciate and understand a wide range of high-quality and recorded music drawn from different traditions and from great composers
- Improvise and compose music for a range of purposes using the inter-related dimensions of music, following our topic of Rainforests using body percussion to create a piece of "Rainforest" music.

# Science

### Living things and their

- habitats: Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals.
- What are the differences in the life cycles of a mammal, an amphibian, an insect and a bird?
- Can you describe the life process of reproduction in some plants and animals?
- Can you compare the life cycle of animals in our local environment with those in rainforests?

#### Properties and changes of materials (II):

- How can we compare or group together everyday materials?
- Do all materials dissolve in liquid to form a solution?
- How do we recover a substance from a solution?
- Are all changes reversible?

# History

• Placing artists / authors / designers / explorers in to timelines.

# Physical

## Education

- Develop flexibility, strength, technique, control and balance (through gymnastics and hockey).
- Play competitive games (hockey).
- Use running, jumping, throwing and catching.

Gymnastics, dance and hockey.

# Religious

• Develop their

# Education

understanding of Islam.

# Languages - French

• Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through the use of a bi-lingual dictionary and other methods, whilst learning more specific vocabulary linked to our Rainforest topic.

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