

## Art

- To select and record from first-hand observation and explore ideas for different purposes – use of sketch books
- Develop control of tools and techniques to create the cover and illustrations for a rainforest adventure book

## Music

- Sing songs both in unison and two parts with clear diction, control of pitch, a sense of phrase and musical expression
- Play tunes on the recorder, descant and treble, with control and rhythmic accuracy and present performances with an awareness of the audience
- Listen to a wide range of music from various times and cultures relating to pitch, duration, dynamics, tempo and silence, and develop an awareness of different moods and effects
- Learn basic drumming techniques

## Computing

- Understand that animation is making things appear alive
- Use ZU3D to create clay and drawn animations
- Edit animations and add sound effects
- Use green screen technology to create a TV advert
- Edit recordings using Windows Movie Maker

## Design and Technology

- Explore a range of levers using loose and fixed pivots
- Plan, design and make a storybook which incorporates a moving mechanism

## PSHE & Citizenship

Focussing on 'Going for Goals' & 'Good to be me' and developing skills over four key social and emotional aspects of learning:

- empathy
- self-awareness
- social skills
- motivation

## Friday Clubs

Children experience a wide range of activities and build on a range of skills in small groups. Activities include:

- Computing
- Craft activities
- Co-operative games
- Chess



# Year 4 Curriculum Information for Parents Spring 2017



**Healthy Schools**



# Our topics this term are based on:

## English

- Read a range of non-fiction texts as a basis for comprehension and research skills on South America and the Amazon Rainforest, including flora, fauna, climate and deforestation
- Present information and share with other children
- Write explanations based on the research
- Exploit opportunities in drama eg decision alley for persuasive language, debating techniques eg 'How can we save the rainforest?'
- Use the text 'Angel Falls' as a source of comprehension activities and inspiration to scaffold own adventure stories told in chapters. Exploit figurative and expressive language
- Use of punctuation, time adverbials, paragraphs and conjunctions to ensure text cohesion and coherence
- Explore stories from other cultures and in particular South America. Exploit drama opportunities
- Report writing to record major events in the term for the School Magazine
- Differentiated spellings are taught weekly
- We expect children to read at home every day. We aim to hear children read individually at least once a week

## Mathematics

- Work with numbers up to 1000
- Order and compare numbers beyond 1000
- Derive and recall multiplication facts up to 12 x 12 and the corresponding division facts
- Use diagrams to identify equivalent fractions (e.g.  $\frac{6}{8}$  and  $\frac{3}{4}$ , or  $\frac{70}{100}$  and  $\frac{7}{10}$ ); interpret mixed numbers and position them on a number line (e.g.  $3\frac{1}{2}$ )
- Compare fractions and decimals
- Solve problems involving addition, subtraction, multiplication, division, fractions, decimals and time
- Use co-ordinates to draw shapes. Understand how to translate and reflect shapes
- Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity. Convert measurements eg grams— kilograms and vice versa
- Answer a question by identifying what data to collect; organise, present, analyse and interpret the data appropriately
- Convert time between analogue and digital 12 and 24 hour clocks
- Children are tested on their tables weekly
- Mental maths books are used to reinforce skills weekly

# The Rain Forest

## Science

### *'States of Matter' (Solids and Liquids)*

- Identify the scientific properties of solids and liquids
- Identify changes that occur when solids and liquids mix
- Contrast melting and dissolving
- Make and record observations and measurements
- Investigate evaporation and condensation in the water cycle.

### *'Living Things and their Habitats'*

- Children create branching classification keys to sort animals.
- Define a habitat and establish that animals and plants live in a habitat to meet their needs.
- Explore why it is important to classify animals.
- Discuss the positive and negative effects of human management of natural habitats.

## Humanities

### *'Aspects of South America and the Amazon Rainforest'*

- Use atlases to locate UK, Europe and South America
- Locate oceans, countries and physical features of South America
- Investigate characteristics of the River Amazon and the Rainforest
- Investigate related environmental issues eg cause and effect of the destruction of the rainforest
- Explore ways we can look after the environment and have a positive effect on climate change

## Games and PE

- Develop children's knowledge of fitness and health. Build up stamina in relation to cross-country run
- Improve swimming technique and stamina. Some children learn to swim during the year
- Develop ball control skills in invasion games
- Develop games tactics and good team work
- Create and perform dances using rhythm and expression individually or in a group

## Religious Education

- To learn about and explore Christian religious festivals, especially Lent and Easter
- To explore biblical symbols and the way that Christians worship God
- To learn about the life of Jesus, including His childhood, choosing the disciples, the miracles He performed, Holy Week and the Resurrection
- To respond to other people's experience of religious celebrations including the Jewish celebration of Pesach (Passover)