

# Year 5 Curriculum newsletter

## Summer 2013

### Literacy

Initially the focus will be on grammar and sentence structure, securing the correct use of punctuation. Children will be expected to apply these skills in their extended writing.

Later in the term there will be a non-fiction focus as children use information books as a stimulus for research and for the writing of explanation texts. These will be cross-curricular and linked to science and geography topics.

### Science

#### Changing sound

The children will learn that sounds are produced by vibrations and that these vibrations travel from the source through a variety of materials.

#### Gases around us/Changing state

The children will learn about the properties of solids, liquids and gases, investigating which states can be reversed.

#### Electricity

In the ICE zone the children will be constructing electrical circuits, learning about switches and investigating how different components affect the brightness and dimness of bulbs.

### Numeracy

We will continue to focus on calculating and applying number knowledge in meaningful real-life contexts. All four operations – addition, subtraction, multiplication and division will be covered, ensuring that all children have a secure and efficient written method for each.

Unit A – Counting, partitioning and calculating

Unit B – Securing number facts

Unit C – Handling data and measures

Unit D – Calculating, measuring and understanding shape

Unit E – Securing number facts, relationships and calculating

In the ICE zone the children have opportunities to consolidate skills taught in the classroom and pursue their own research.

The topic this term is South America.

**Geography** In the travel agency the children will compile fact files for each country, researching the climate, flag, currency and language as well as learning about the physical and human features (mountains, rivers, cities and buildings etc). They will then investigate current environmental issues such as climate change and the need to protect the rainforest. Throughout the topic the children will be developing geographical vocabulary and using ICT. Outdoors they will investigate the local area, initially investigating the movement of the clouds and wind.

**Art/Design Technology** Initially the children will investigate colour mixing, shape and pattern to paint rainforest animals. They will then camouflage them in collaged jungles inspired by the work of Henri Rousseau. After half term they will design, make and evaluate carnival headdresses inspired by the Rio carnival. Outdoors the children will paint landscapes and detailed pictures inspired by the school environment.

**Creative writing** Our 'rainforest', complete with sound effects, will inspire the children to write descriptive poetry and longer exciting adventure stories exploring the environment.

**Mathematics** In the travel agency the children will be able to solve maths problems about time, timetables, distance, prices and currency in a real-life context. This will allow them to practise the skills taught in the classroom. Outdoors the children will tally bird and bug counts before recording the information as block graphs, drawing and labelling their own axes.

**Modern Foreign Languages (MFL)** The children will be taught simple phrases in Spanish and will have the opportunity to practise these through role play, songs and games both indoors and outdoors.

### PE

Monday – Zumba    Wenesday – Street Dance    Thursday – Athletics/Cricket  
Please bring PE kit each Monday and leave in school until Friday so that we can take advantage of any other opportunities during the week.

### Music

Linked to the science unit on 'changing sound', musical instruments will be used to illustrate the range of ways of producing sounds and how pitch and loudness can be altered. Singing will focus on learning and performing the songs for the school Summer production.