

# What your child will be studying this term – Year 5

## Rumble in the Jungle

### Literacy

We will be learning literacy through high quality texts. We will write for a range of purposes and audiences and edit and improve our work. We will make deliberate vocabulary choices to make our writing effective. We will develop characterisation through the use of dialogue. We will use relative clauses (clauses which start with who, which, that etc) and the perfect tense ( We had studied all day long so we were tired.) We will be using modal verb to show degrees of possibility (should/could/would). We will be using a range of punctuation with accuracy, including brackets, dashes and commas for parentheses (extra information.)

### Maths

We will be studying a range of objectives and here are some of the main objectives: read, write, order and compare numbers to at least 1 million and know the value of each digit; use the formal methods for all four operations and solve problems including multi-step problems; understand and reason about area and perimeter; measure angles using a protractor; recognise and use square numbers and begin to understand cube numbers and volume; understand improper fractions and multiply and divide fractions; solve time and measure problems; interpret continuous data and line graphs; know units of measure and solve problems involving measure.

### Science – Living Things and Their Habitats and Forces

We will describe different life cycles of a mammal, an insect, an amphibian and a bird. We will describe the life processes and reproduction in some plants and animals. We will also be learning about forces and the impact that gravity has. We will look at air resistance, water resistance and frictions and learn about how levers, pulleys and gears allow a smaller force to have a greater effect.

### ICT - Robots, controls and sensors.

We will analyse more complex control systems in the real world. We will use a data logging device as part of an investigation. We will use a control system to control a physical system. We will create a simple control system and work systematically to identify and correct errors and problems in programs.

### Geography – The Rainforest

We will be learning to locate the rainforest on a map and understand that rainforests are found along the equator. We will identify countries which have rainforests and describe the geography of the rainforest and label the different layers of the rainforest. We will learn about the types of animals which live in the rainforest. We will also learn about how land in the rainforest is used and what environmental impact that has had

### Art – Printing

We will use the rainforest as inspiration and create our own printing blocks, using the relief or the impressed method to create prints with three overlays. We will work with a range of media.

### D.T – Embroider a scene from the rainforest.

We will sketch and model ideas before creating our rainforest scene. We will decorate textiles appropriately and learn to pin and tack fabric pieces together. We will join fabrics by blanket stitch and back stitch. We will evaluate our work.

**R.E** – We will follow the Southwark agreed syllabus and study Judaism and Hinduism.

### Ways in which you can help your child

- Ensure your child reads every night and discuss what they have read.
- Practise spellings
- Practise the maths objectives listed
- Research the life cycle of an animal from the rainforest.
- Make a parachute and investigate air resistance.
- Visit the rainforest exhibition at London Zoo and make a list of all the different animals which live in the rainforest.
- Discuss the effects deforestation has had on the rainforest.
- Create your own printing blocks using materials at home.
- Practise blanket and running stitch.