

## What your child will be studying this term – Year 6

### Rumble in the Jungle

**Literacy** - We will be revising for our SATS. We will also be consolidating our writing skills and writing for a range of purposes and audiences. We will use a range of sentence types to keep our sentences varied and use different tenses. We will use formal language where necessary. When writing narratives, we will use dialogue in our writing to show action or develop the characters. We will use a wide range of punctuation including hyphens, dashes, semi-colons and colons.

**Maths** – We will be consolidating our understanding of the KS2 maths curriculum and revising for our SATS. After SATS, we will continue to develop our reasoning skills by completing investigations and puzzles and solving problems involving a wide range of mathematical skills and developing our spatial awareness and understanding of statistics.

#### Science – Electricity

We will vary the brightness of a lamp or volume of a buzzer by using different voltages and amounts of cells. We will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

We will also extend our understanding of classification to classify micro-organisms, plants and animals and give reasons for how we have classified plants and animals.

#### 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 - Biomes

We will learn about the significance of the Arctic and the Antarctic and how these control the water levels of the world. We will learn key aspects of different climate zones and compare and contrast the climates of different countries. We will identify and describe the five biomes (aquatic/deserts/ forests/grasslands/tundra.) We will also learn about the types of animals which live in each biome and how they adapt. We will identify how biomes have changed over time and how conservation is being used to preserve biomes.

#### Art – Observational drawing

We will work from a variety of sources and create detailed drawings. We will use view finders to develop close observational skills and use dry media to make different lines and patterns - including hatching and shading. We will explore colour mixing and blending techniques using coloured pencils and will begin to understand perspective.

#### D.T – Making Arctic gloves.

We will create 3D products using pattern pieces and seam allowance. We will decorate textiles appropriately and use pinning and tacking. We will extend our knowledge of using different stitches to include oversewing. We will create a quality product.

**R.E** – We will learn about different religious leaders. We will also learn about different religions' beliefs about life after death.

#### Ways in which you can help your child

- Ensure your child reads every night and discuss what has been read.
- Practise any spellings at home.
- Practise any revision sent home.
- Look at 'NRICH' for examples of mathematical problems and puzzles.
- Discuss the advantages and disadvantages of living in different biomes.
- Locate different biomes on an atlas.
- Visit a park and practise observational drawing.
- Practise oversewing, back stitch and blanket stitch.