

## English

### Letters

Our year will start with writing letters. What do we use letters for? When should we write formally or informally? How can we engage our reader and include them in our writing? We will plan, write and edit our letters with various recipients in mind!

### Stories from other cultures

Our class novel this term will be 'Journey to Jo'burg' by Beverly Naidoo. We will look at how we know it is set in a different culture, add our own character into the story and use inference skills to include what that character is like. We will work through the journey using drama at pivotal points to then create our own story set in another culture. This story will also lead us into writing our own scripts.

## Science

The academic year will begin with looking at Rocks and Soils: children will discover the different types of rocks and how they are formed. Children will compare and group rocks based on appearance and simple properties. They will learn how fossils are formed and learn about the contribution of Mary Anning to the field of palaeontology. Children will understand how soil is formed and then investigate the permeability of different types of soil.

The rest of the term will be looking at States of matter: the differences between solids, liquids and gases, classifying objects and identifying their properties. They will explore in-depth how water changes state, exploring melting, freezing, condensing as well as a particular focus on evaporation. Finally, they will learn about the stages of the water cycle.

## Maths

### Number/Calculation

Year 3: Learn 3, 4 & 8x tables •Secure place value to 100 •Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits •Written column addition & subtraction •Solve number problems, •Use commutativity to help calculations

Year 4: Know all tables to 12 x 12 •Secure place value to 1000 •Use negative whole numbers •Round numbers to nearest 10, 100 or 1000 •Column addition & subtraction up to 4 digits •Multiply & divide mentally •Use standard short multiplication

### Geometry & Measures

Year 3: Measure & calculate with metric measures •Measure simple perimeter •Add/subtract using money in context •Identify and use right angles •Identify horizontal, vertical, perpendicular and parallel lines

Year 4: Compare 2-d shapes, including quadrilaterals & triangles •Find area by counting squares •Calculate rectangle perimeters •Estimate & calculate measures

### Fractions & decimals

Year 3: Use & count in tenths •Recognise, find & write fractions •Recognise some equivalent fractions

Year 4: Recognise tenths & hundredths •Identify equivalent fractions •Add & subtract fractions with common denominators •Recognise common equivalents



### **Art & Design**

We are starting the topic by studying African patterns to create a whole class woven wall hanging. We will then look at using shading and blending to create a landscape safari image and finishing with painting on canvas to one of the big five based on work by the artist David Shepherd.

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

### **Design & Technology**

Once we have listened and appraised traditional South African music, we will recreate the sound with our own African style drum.

- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products

### **Physical Education**

Otter class will begin to learn the game of Quick Sticks. This is a grass roots level of the game of hockey and it gradually introduces the children to the skills needed and the rules for the game of hockey. Small matches will be played in teams of 4. Look out for our results on Twitter.

- Use running, catching and throwing
- Play competitive games, modified as appropriate
- Develop flexibility & control Compare performances to achieve personal bests

### **History**

Who was Nelson Mandela? Why was he such a significant figure in South Africa? What impact has he had on the country and on the world? Why? What was South Africa like before the Rainbow Government? Whilst reading our class novel, 'Journey to Jo'burg', the children will have many questions about the segregation in South Africa.

To understand how our knowledge of the past is constructed from a range of sources and different versions of the past events. They should devise historically valid questions about change, cause, similarity and difference.

### **Geography**

Where is South Africa? What are the main towns, airports? How can we travel there? Which countries will we pass over? What is the weather like there? How is it the same or different to the UK? We will be asking these questions, plus anymore the children are curious about, in Geography.

Locate the world's countries; identify the position and significance of longitude and latitude and the equator.

Use maps, atlases and globes and digital computer mapping to locate countries and describe their features.

### **Music**

We will be listening to a range of South African music and looking at the beginnings of Mbube; The lion Sleeps tonight. Along with Muntjac class, we will work towards recreating this song in cappella.

- play and perform in solo and ensemble contexts
- improvise and compose music
- listen with attention to detail and recall sounds with increasing aural memory
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
- develop an understanding of the history of music

### **Computing**

What is special about South Africa? Once we have studied the South African culture by interviewing people, watching traditional dancing, listening to music and immersing ourselves in South Africa, the children will produce a power point with important information about what makes South Africa special

- Use internet safely and appropriately
- Collect and present data appropriately