

### Maths

In Maths this term we will be focusing on Place Value, rounding to the nearest 10, 100 and revisiting column addition and subtraction. We will continue to develop our Mastery approach to practice and embed these skills, so that children can apply their understanding to fluency, problem solving and reasoning questions.

During this term, children will develop their confidence and ability within their multiplication facts as this will be a key skill within our Maths learning throughout this academic year.

### Science

This half term in Science, our topic is 'Living things and their habitats'. Our big question for this topic is 'How do environments change and why can this endanger living things?' We will be exploring this big question by learning how to group living things and classifying them by learning about vertebrates and invertebrates, exploring some habitats including those in our local area, and explaining the positives and negatives of habitats on the environment.

Children will also be exploring the inspirational marine biologist and nature writer, Rachel Carson catalyzed the global environmental movement with her 1962 book Silent Spring.

### English

During Writing this term, Year 4 will be reading the book 'The Whale' From this book, children will be writing a Setting Narrative and a Newspaper Report.

The sequence of lessons will secure children understanding of the features used in each piece of writing and use these to create their own.

Year Four will be creating their own Simile Poem during the Autumn Term. They will be supported by exploring a Teacher Model and build their own from there.

### Geography

This half term, year four will be exploring the topic 'Britain from the Air'. Children will be exploring the physical features and human features of Bartley Green and the UK. We will also be learning the names of the countries and major cities within the UK as well as identifying the climate of the UK. After that, we will be looking at the trade links between the UK and other countries as well as what the UK import and exports to those countries. Finally, year 4 will be investigating how land use has changed over time and the reasons behind those changes.



# St Michael's

## C.E. Primary School

Year 4

Autumn Term 1

### Art

In Art this half term, children will learn and develop their skills in: design, drawing, craft, painting and art appreciation; creating an optical illusion print, replicating a plate in the famous willow pattern, carving sculptures out of soap, drawing a collection of still life objects, painting and mixing colours like Paul Cézanne and learning about the role of a 'curator'

### Computing

We will be learning to search the web efficiently to find and accurately record temperatures of different cities. Pupils will design a weather station that gathers and records sensor data, explaining its functionality and units of measurement.

They will also design an automated machine that uses selection to respond to sensor data, search for and record weather forecast information in a spreadsheet, and explain how this data is collected. Additionally, pupils will create a video that includes weather forecast information.

### PHSE

In PSHE this term, Year 4 will be focusing on 'Being me in my World'. Children will be able to reflect on their own attitudes and actions and how these decisions can have an impact on their class.

They will also be given the opportunity to explore their school community, the specific roles within the school, the democracy and how their feelings can have a positive or negative impact on their peers and adults. Children will also develop their skills in empathising with each other and making informative decisions.

### PE

This term in PE, Year 4 will be focusing on Football. Children will be perfecting their contact, accuracy and teamwork skills ready for their final match tournament.

Children will also be focusing on OAA. Children will learn to work well in a team or group within defined and understood roles. They will plan and refine strategies to solve problems and use maps, compasses and symbols.

### RE

In RE this term, Year 4, we will be looking at 'What is the 'Trinity' and why is it important to Christians?'. We will begin by recognizing what a 'Gospel' is by reading Matthew 3:13-17. This topic will allow children to describe how Christians show their beliefs about God and the Trinity. Discussion will be encouraged and children will make links between the bible and the idea of God in Christianity. Children will also be taking part in the Harvest Festival Assembly at church.

### MFL/Music

In Music this term, Year 4 will be learning to correctly label all staff notation features and share ideas about South African music. Pupils will play both parts of "Put on your gumboots!" on tuned percussion accurately and in time, as well as the rhythmic pattern and tune. They will also create and perform an eight-beat rhythm pattern.

In MFL, pupils will understand that adjectives change if they describe a feminine noun. They will be able to describe hair and eye colour and then they will understand and describe simple descriptive sentences.