

### Maths

In Year 4 Maths, children will learn a range of key skills and concepts. They will practice multiplying and dividing numbers by 10 and 100, understand factor pairs, and multiply 2 and 3-digit numbers by a 1-digit number. They will also measure length in kilometers and meters and calculate the perimeter of rectilinear shapes and polygons. These topics will help deepen their number sense, enhance their problem-solving skills, and build a strong mathematical foundation. We are also continuing to do our daily times table practise and assess children on their knowledge of this. Please ensure your child is regularly using Times table Rockstars at home too!

### Science

In Year 4, children will explore the science of sound, learning how it is produced through vibrations and how it travels through different mediums to the ear. They will investigate patterns in pitch, volume, and the relationship between distance and sound intensity. Through hands-on activities, they will ask questions, set up experiments, and use equipment like thermometers and data loggers to gather and measure data. Children will present their findings using scientific language, diagrams, charts, and tables, and develop conclusions using evidence from their observations and tests.

### English

In Year 4, children are developing their writing skills through a Vehicle Text unit based on the myth narrative, "**Arthur and the Golden Rope**." They will focus on using possessive apostrophes with plural nouns, expanded noun phrases with modifying adjectives, nouns, and prepositions, as well as fronted adverbials. They will also incorporate a wider range of conjunctions like when, if, because, although, before, after, while, and so. Children will use pronouns and maintain cohesion through paragraphs to organise ideas around a theme. They will build on previous learning by using commas after fronted adverbials to enhance their punctuation skills.

### History

In Year 4, children will explore the fascinating era of Roman rule, focusing on how the Romans have shaped our country and culture today. They will learn who the Romans were, where they came from, and why they invaded Britain, as well as the concepts of invading and settling. By examining when the Romans arrived and the factors that led to the fall of their empire, children will gain a deeper understanding of Britain's transformation since the Stone Age. Using multiple sources of evidence, they will develop historical enquiry skills to better understand the past and describe differing accounts of historical events. Through comparing Roman times with other global periods and using key historical vocabulary, such as dates, eras, and chronology, children will uncover how Roman innovations and influences continue to impact our lives today.



## St Michael's C.E. Primary School

### Year 4 Spring Term 1

### DT/Art/Computing

In Art, children will create textures and patterns using charcoal, stamps, and printing techniques. They will design with symmetry and geometry, draw circles with a compass, and learn about repeating patterns and the flower of life.

In DT, children will design and build free-standing pavilion structures, focusing on strength and aesthetics. They will reinforce corners, apply cladding, and explore concepts like frame structures and architects' designs.

In Computing, children will use spreadsheets to create formulas, autofill numbers, and generate graphs. They will organise data clearly, while following online safety rules and handling inappropriate content responsibly.

### PHSE

In Year 4 PSHE, children will explore the concepts of dreams and goals, focusing on the importance of resilience and having a positive attitude. They will learn to understand what it means to be resilient, recognising that it involves bouncing back from challenges and staying optimistic even when things don't go as planned. Children will also understand how to set goals, identifying what they want to achieve and how to break these down into manageable steps. Through planning and setting new goals, even after experiencing disappointments, they will learn the value of perseverance. By reflecting on their experiences, they will gain insight into the importance of resilience and how it helps them handle setbacks and continue to strive towards their dreams.

### PE

In Year 4 PE, children will learn gymnastics, focusing on safety when performing a cartwheel and working in a controlled way. They will explore shapes, speed, and direction in their movements, working with a partner to create and improve sequences with at least three phases. In badminton, they will learn the names of shots, develop defensive tactics, and use a variety of racquet skills like the underarm and overhead forehand. Children will engage in competitive play, take on roles such as umpire, and work with partners to return a served shuttle.

### RE

In Year 4 RE, children will explore Sikhism and inter-faith perspectives, learning about Sikh beliefs and values such as Waheguru and Sewa. They will examine texts like the Mool Mantar, understanding how these beliefs influence daily life and identity. Through discussing questions about living a good life, they will make connections between their own values and those cherished in Sikh communities. Children will also explore the importance of equality, community, tradition, and respect within Sikh practice, making links between sacred texts and actions like the provision of food and care for those in need.

### MFL/Music

In Year 4 French, children will learn to pronounce new words, understand gender and plurals with articles like "un," "une," and "des," convert indefinite articles into possessive adjectives, recognise clothing items in writing, and pronounce them accurately.

In Year 4, pupils will develop their musical skills by learning to label staff notation features and explore South African music. They will play and perform rhythmic patterns from "Put on your gumboots!" with accuracy, and also create and perform an eight-beat rhythm pattern, enhancing their musical understanding and creativity.