

## Maths

Continuing with our preparation for SATs, Year 6 will continue to revise the key arithmetic skills they have learnt throughout the year. We will continue to focus on fractions, percentages and decimals as the children develop their problem solving and reasoning skills. In reasoning, we will also cover: geometry: Shape, Position and Direction

## Science

In Spring, we will be continuing our exciting topic, 'Evolution and Inheritance'. The children will continue to explore our big question, "Does survival of the fittest always mean the species are competing against each other?" by thinking carefully about how animals adapt and evolve to suit their environment. We will learn about inheritance and will be making links to our own lives and families. Throughout the term, we will be working scientifically by posing scientific questions using key vocabulary, using results to set up further investigations and applying scientific evidence.

## English

Year 6 will be reading *The Ways of the Wolf* and using it as a stimulus to write a hunted narrative which is a story about two characters who have conflicted opinions on hunting. The children will also write a balanced argument on the pros and cons of school uniform.

In our reading lessons, the children will be exposed to a range of classic fiction, such as *Black Beauty* and *The Wolves of Willoughby Chase*. We will also explore a range of classic poetry, including William Blake's *The Tyger*. In our daily reading lessons, there will be a focus on vocabulary and analysing extracts before answering a range of questions, including inference, comparison, retrieval and summary questions.

## History

Our History this half term is 'The Industrial Revolution'. We will look at the significance of our home city, Birmingham and how we played such an important part in the industrial revolution. We will explore historical images and make comparisons between the past and present with lots of opportunities for discussion.



# St Michael's

## C.E. Primary School

## DT

Our DT unit will be Digital World: Navigating the World. In this unit, the children will learn to apply computing skills to program a Micro:bit animal monitor and using 3D CAD tools in Tinkercad to design a case, housing or stand.

## Computing

In Computing, we will explain what AI is and its basic functions, identify real-life applications of AI, and understand how AI processes text and image prompts. We'll generate and refine prompts for optimal responses, explore how AI generates code for web design, and recognise AI as a useful starting point for projects. Additionally, we'll discuss key ethical considerations of AI and debate its potential to replace human roles with well-structured arguments.

## PHSE

This half term's unit is Healthy Me. The children will learn about healthy eating and exercise. Importantly, they will also learn about how to keep their mental health healthy, and where to go to if they need support.

Year 6

Spring Term 2

## PE

In PE this half term, Year 6 will focus on: Tag Rugby and Netball in which they will learn key attack and defend skills. Our athlete focus is Gareth Thomas.

## RE

For Christians, What Kind of King was Jesus? Year 6 will learn about Jesus as the Messiah. They will learn about what Jesus' resurrection means to Christians and explain why Christians believe Jesus was resurrected.

## MFL/Music

In MFL, children will continue their learning about planning a holiday. Children will read and understand a story about a summer holiday and plan their own holiday to France. In Music, children will continue their learning on Baroque. They will understand Baroque Music and demonstrate this when composing. They will combine their knowledge of staff notation and aural awareness to play a fugue.