

### Maths

Year 3 will delve deeper this term into multiplication and division. Using related calculations, such as, if  $3 \times 2 = 6$ , then  $30 \times 2 = 60$ , children will work out multiplications and division questions for multiples of 10. Year 3 will also start dividing where there is a remainder.

For Term 3, Year Four will be multiplying and dividing 2- and 3-digit numbers, using factor pairs, related facts and informal written methods, such as a number line.

Both year groups will end the term looking at length and perimeter.

We will continue to complete our daily times table revision and division facts for fast recall.

### Science

#### Forces and Magnets

By the end of this topic, Owl Class will understand how things move on different surfaces, that some forces need contact between two objects, but magnetic forces can act at a distance. They will also explore how magnets attract or repel each other and attract some materials and not others.

### PE

Monday's P.E. lesson is focused on football skills. On Tuesday we are in the hall and learning how to create sequences in gymnastics.

### Computing

The class will develop their understanding of what a branching database is and how to create one. They will use yes/no questions to sort groups.

### Science Vocabulary

force  
push  
pull  
friction  
surface  
magnet  
magnetic  
attract  
magnetic field  
pole  
north  
south  
attract  
repel  
compass  
direction

### English

Our English is directly linked to our topic of Robots.

The chosen, quality texts for this term are:

**Tin Forest** by Helen Ward and our longer class text is

**The Wild Robot** by Peter Brown

Using these books, we will explore character and setting descriptions, with a focus on expanded noun phrases and fronted adverbials. Owl Class will also produce a persuasive poster for Tin Forest and a leaflet advertising a visit to the mountains. We will then finish by writing a retelling of The Wild Robot.

### RE

Our topic for this term is, 'What does it mean to be a Hindu in Britain today?'. The class will find out how Hindus show their faith within their faith communities in Britain today. They will also identify some different ways in which Hindus show their faith.

Our Christian Value this term is courage and we will be learning what courage means in terms of stepping out of our comfort zone; doing the right thing – not just the easy thing; facing challenges and overcoming our fears as well as considering what we can do to encourage others to be courageous.

### Robots

This term is design-based and children in Owl Class will create a three-dimensional robot with moving parts, well this is the plan.

Initially, children will explore different toy figures with moving parts before moving on to looking at levers and linkages.

Once they have completed their research, children will design, make and evaluate their robot.

In the last week of term, the class will explore art created by Ai-Da, the world's first ultra-realistic humanoid robot artist.

### Geography

Owl Class will find out how different mountains are formed and how we locate mountains on maps using contour lines and grid references. They will also discuss the environmental impact of tourism.

### French

By the end of the term, children will recall all numbers one to six, with generally accurate pronunciation and join in with a song using actions.

# Owl Class Topic Web 2024/2025 Term 3

