



Y4 Curriculum Information

Robots

This term we will be delving into the world of robotics . We will learn how the word 'Robot' came to be and how the world has witnessed the developments of the robot from automatons to humanoids. The children will learn about a hotel in Japan which is completely run by robots; there is even a dinosaur that checks in guests!

English

We will be using a mixture of film clips and books to work from this term; 'The Girl and the Robot' and 'The Tin Forest' Using these as inspiration the children will be writing diary entries, learning about instruction writing and creating non-chronological reports.

The children will be given the opportunity to exhibit their writing skills both with English lesson and through topic-based, cross-curricular writing.

Key Vocabulary: noun-verb pairs, prepositional phrases of time/place, third person, present tense, formal register, nouns and pronouns, bullet-points, headings and subheadings.

Reading

In reading, we will continue to develop techniques for improving comprehension skills.

Guided reading will be topic related and focus on inference and developing interpretive skills.

We will be continuing to develop skimming and scanning skills to be able to locate information quickly.

Key Vocabulary: skim, retrieve, infer, summarise inference, point, evidence, explanation

Maths

The key areas we will be focusing on this term are:

Symmetry in 2D shapes

Children will focus on finding lines of symmetry in 2D shapes, reflect polygons in a line of symmetry, and use a mirror to find lines of symmetry

Time

Children will focus on reading, writing and converting time between analogue and digital 12- and 24-hour clocks and solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Division with remainders

Children will explain when there will and will not be a remainder in a division equation.

Key Vocabulary: divisor, remainder, lines of symmetry, reflection, polygons, digital and analogue clocks.

Science

Term 6 science allows us to review and consolidate the learning of this year. We will recap the following topics; animals including humans, living things and their habitat, matters of state, electricity and sound.

RE/World Views

In RE we will be exploring the big question 'How and why do people argue that some places can be spiritual?' We will consider special places for Christians and Hindus (and non-secular people) and the importance of pilgrimage.





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Computing

This term's exciting computing unit is all about audio production. Children will identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally.

They will discuss the ownership of digital audio and the copyright implications of duplicating the work of others.

In order to record audio themselves, learners will use Audacity to produce a podcast, which will include editing their work, adding multiple tracks, and opening and saving the audio files.

Finally, learners will evaluate their work and give feedback to their peers.

Key Vocabulary: Audio, record, playback, microphone, speaker, headphones, input, output, start, stop, podcast, save, file, selection, edit, mixing, time shift, export, MP3, evaluate, feedback

French

In French, we will be consolidating the work from year 4, we will be recapping talking about pets, eye and hair colour, describing personality, describing others and nouns and colours. The children will be working on being able to pull all of this information together to write a detailed description of

themselves, their animals (or an animal they would like) and the things around them in the classroom.

We will continue to polish their speaking, listening, reading and writing skills.

Art and Design

We will be exploring a topic called The Festival of feasts in art this term.

Drawing and Making inspired by food. How might we use food and art to bring us together?



PSHE/AYLA

We will be completing our AYLA project this term, looking for ways to help our local environment and 'Being the change we want to see'.

PE

This term is packed full of sporting events and opportunity. We are preparing for our Summer Dance Day extravaganza to begin the term, we will then focus on athletics ready for Sprots Day, and finally move on to some cricket. They will be ready for a rest after that!