

Science

This term we will be looking at the topics of sound and forces and magnets in science.

We will start the Autumn term learning how sound is made and associating this to vibrations. The children will look at how these vibrations of sound travel to the ear and how they can be altered through pitch and volume. We will use instruments and tuning forks to fully understand this and will create instruments of our own.

The second half term will focus on magnets and forces. The children will have the opportunity to use different magnets and learn how magnets attract and repel through experimenting. They will also compare materials and group them on a magnetic basis as well as understanding the poles of magnets and how they work. They will then use this knowledge to create games.

Topic

ICT: Throughout the term, the children will practise their skills of writing simple algorithms using programmable toys as well as using search engines to research and locate information about the UK and the railways.

Music: Listening and appraising different genres of songs. Comparing and contrasting different songs, playing instruments as an accompaniment, improvising, composing before finally performing their song. After half term, the children will focus on playing and performing simple songs using musical instruments.

French: French is mainly learnt through conversation rather than written work so lots of oral learning will take place. We begin to look at basic conversational skills through greetings which will enable the children to have conversations with each other.

Topic: The focus for the first half term the children will look at the geography of the UK - from the physical features of mountains, rivers and seas to the man-made administrative regions and counties. They will find out how the UK has changed over time, looking at how London grew and how the population of the UK as a whole has changed throughout the course of history. They will then build on their knowledge of how places have developed and grown by concentrating on the development of the Railways in Great Britain giving the children the opportunity to find out about the history of the railways and significant early locomotives. They will also investigate some important historical events, such as the opening of the first passenger carrying railway lines and the Rainhill Trials and they will learn about some of the key people who were influential in the development of the railways. The children will also learn about the growth and development of the railway network in Great Britain and use their geographical skills to map out some key routes. They will also use their speaking and listening skills to debate the positive and negative effects of the railways on different aspects of society.

Mathematics

This term our focus will be on place value, addition and subtraction and multiplication and division.

Within place value we will look at representing and using numbers up to 1,000 in year 3 and up to 10,000 in year 4. Within this the children will use number lines, look at partitioning, comparing and ordering these numbers as well as learning how to round numbers to the nearest 10, 100 and 1,000.

This will then lead into addition and subtraction where year 3 will learn to add 2 digit and 3 digit numbers using formal written methods and year 4 will progress to adding two 4 digit numbers using exchanges. Within subtraction year 3 will aim to subtract a 3-digit number from a 3-digit number and year 4 will aim to progress to subtracting two 4-digit numbers with exchanges, working out the most efficient methods to help with word problems.

Finally, we will begin to understand multiplication and division through recognising, making and adding equal groups, multiplying by 3, dividing by 3, the 3 times table, multiplying by 4, dividing by 4, the 4 times table, multiplying by 8, dividing by 8, the 8 times table, multiply by 10, multiply by 100, divide by 10, divide by 100, multiply by 1 and 0, divide by 1, multiply and divide by 6, the 6 times table and division facts, multiply and divide by 9, the 9 times table and division facts, multiply and divide by 7, the 7 times table and division facts.

Physical Development

We will start the term off with ball skills and badminton.

Ball skills aims to cover the basic skills required for games such as tracking, throwing and catching techniques and dribbling using hands and feet.

Badminton will cover the skills needed to play the basic game such as footwork, forehand and backhand grips, serving, scoring and using all of this to compete fairly and honestly against their peers.

The second half will focus on hockey and football.

During hockey sessions the children will learn the basic techniques of passing and receiving, dribbling, defending and tackling safely.

Football will then look at dribbling and passing under pressure, controlling the ball and changing direction and applying tactics and rules to the game.

PSED and Religious Education

PSED: During the first half term we will be focusing on what drugs are and how they can be harmful. This will look at medicines that are used for medical issues as well as the effects and risks of smoking and how this can affect children.

During the second half term we will then look at keeping safe and understanding how we can notice bullying and do something about it.

R.E: During the first half term we will be focusing on the creation story and in the second half term on how do festivals and family life show what matters to Jewish people. The children will be making sense of different beliefs, understanding the impact and making connections with the world we live in today.

Diary dates:

Non-pupil day – Monday 6th September 2021

Half term – Monday 25th – Friday 29th October 2021

Last day of term – Friday 17th December 2021

English

This term the children will continue to develop their knowledge of spelling and grammar rules.

In handwriting the children will continue to practise new joins and perfect the joins they have already learnt using the year 3/4 statutory spelling list

Within their written work the children will be expected to use their joined up writing and their growing knowledge of spelling and grammar when we look firstly at fiction from a contrasting country before moving on to non-fiction, fantasy fiction and finally basing our writing on a Christmas video.. This will cover aspects such as direct speech, conjunctions of time. Place and cause, expanded noun phrases, fronted adverbials and paragraphs. Reading: Within independent reading, reading to an adult and the guided reading sessions, the children will focus on their comprehension skills, thinking carefully about what they have read to answer questions.

Art and Design

Art: Drawing focusing on skills on line, shading, perspective. Using different materials including pencil, pen, pastels, paint and collage. After half term, look at different British artists and their contribution to art in this country.

Design Technology: Mechanisms of vehicles and design and build own vehicle. Testing it and finally evaluating its performance.