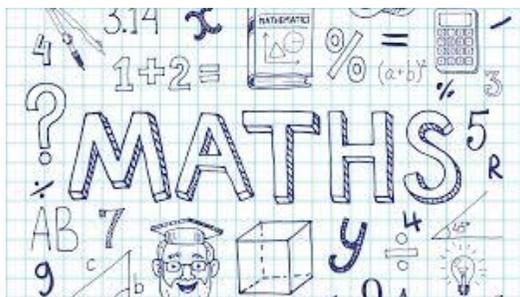


Maths

As mathematicians we will further secure our understanding of number this term.

Place Value and Calculations:

We will begin the school year by developing the children's understanding of place value of large whole and decimal numbers which will form the foundation for their number work throughout the year. We will apply our understanding of place value of larger whole numbers to secure written calculation targets for addition and subtraction and apply these to reason and problem solve.



Multiplication and Division

The children will learn how to use compact methods for short and long multiplication and division, and how to apply these to solve multi-step problems. We will extend our understanding of how to multiply and divide, as well as develop our reasoning and problem solving skills when:

- Multiplying and dividing whole and decimal numbers by 10, 100 and 1000.
- Recognising and using square and cube numbers.
- Identifying multiples, factors, prime numbers and prime factors.

Science

Light:

As scientists we will be exploring **light** including how light is reflected from surfaces and how this aids our sight. We will also investigate shadows and apply our learning to our theme to create shadow puppets for characters of Macbeth.



Electricity:



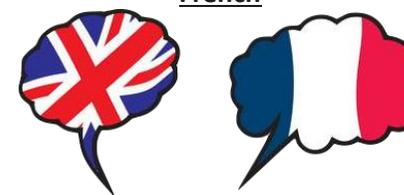
We will be constructing simple series circuits to further develop our understanding of electricity and how it is measured. Children will observe and explain the effect of the number and voltage of cells within a circuit on a range of components including lamps, buzzers and motors, before applying their learning to plan their own investigation.

The children will also learn how to represent a simple circuit in a diagram using recognised symbols.

Computing

Communication and collaboration: Children will explore how the internet facilitates online communication and collaboration; they will complete shared projects online and evaluate different methods of communication. Finally, they will learn how to communicate responsibly by considering what should and should not be shared on the internet.

French



Children will be developing their vocabulary to describe people including physical and personality traits.

RE

Mrs. McIntyre will be exploring the following question as a basis for the children's RE work this term: Creation and Science: conflicting or complementary?

Music

Looping and Remixing. Children will develop their understanding of looping to create looped body percussion rhythms as well as loops to create a whole piece of music, ensuring that the different aspects of music work together. Finally, children will combine loops to create a remix.

PE



Mr. Bowkett will be further developing the children's large ball skills on Monday afternoons.

On Fridays the children will be taking part in 'Health Related Exercise' where they will develop their ability to exercise at different intensities and utilise their knowledge and understanding of the body to improve their peers' fitness.

