**Year 6**

Maths

This term, we will be learning about ratio and proportion, exploring the relationship between numbers. We will also cover algebra, starting with function machines and moving on to form expressions (eg 2y + 3), then solving 1- and 2-step equations. Our final maths unit this half term is Decimals, where we look at place value, rounding, and the four operations of maths using decimals.

We will continue to practise skills and knowledge taught in lessons from the Autumn term on a daily basis. Children will also be given mathematical key facts to learn which will greatly help them in their Y6 SATS.

English

This half term, our class novel will be ‘Cogheart’ by Peter Bunzl. We will be using parts of the book to apply reading skills such as; inference, deduction, summarising, retrieving information from the text and understanding author’s use of language.

For this half term, one of our independent writing pieces will be based on our book ‘Cogheart’. We will be learning the features of a narrative and applying this to our own writing.

We will be also write a non-chronological report based the The Origin of the Species, which is a follow-up to our work on evolution last half term.

**Spring 1**

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Geography

This half term we will be exploring and answering the big question ‘Are resources shared equally?’ We will begin by looking at why people migrate, how we are connected through trade, the similarities and differences of shops and deciding if we live in a fair world.

RE

Our Big Question this half term is, ‘Is it better to express your religion in arts and architecture or in charity and generosity?’

We will seek to answer this question by learning about Christianity, Islam, non-religious beliefs and hope to visit a place of worship.

Art

In Art this half term we will be looking at Ancient Maya and modern-day street art. We will look at how artists convey a message and explore: imagery, symbols, expressive mark making, and 'chiaroscuro'. We will use this to create powerful drawings of our own.

Science

We will begin the half term, reviewing the learning that took place in the Autumn 2 half term and completing our ‘Evolution’ unit. The children will produce a showcase to demonstrate their understanding.

For the remainder of the half term, our focus will be electricity. We will be planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. The children will be creating circuits with a range of components while identifying the symbols for them. They will test how the number of cells in the circuit will affect the brightness of a lamp or the volume of a buzzer.

Music

This half term, the children will be developing their skills in reading music and playing simple melodies on the keyboard. They will learn to play using both hands separately and then together.

Spanish

In Spanish we will practise remembering the names of body parts and will learn how to explain why we feel unwell. We will also learn the names of jungle animals and how to describe them.

PE

This half term the children will be developing skills within badminton, using the space effectively and using a racquet with accuracy. They will then move onto Zumba Dance (aerobics).

PSHE

In our PSHE, we will reviewing the importance of resilience. We will also be learning about the word “vow” and what is means. We will learn how to recognise early signs of illness, and will discuss immunisations and vaccinations.