Researchers (Autumn 1)

Maths
Year 5
- Read and write numbers to 1,000,000.
- Powers of 10.
- Partition numbers up to 1,000,000.
- Compare and order numbers to 100,000.
- Round to the nearest 10, 100 and 1,000.
- Understand negative numbers.
- Count through 0.

Year 6
- Read and write numbers to 10,000,000.
- Powers of 10.
- Compare and order any integer.
- Round any integer.
- Understand negative numbers.
- Adding and abstracting integers.

Music
Voice and Body Percussion, we will make music using body percussion, our voices and our mouths. This will be based upon a composer called Anna Meredith. We will be learning how movement can also be integrated into our performance.

Art
This term, the children will be learning about Art in the Italian Renaissance'. They will learn about Leonardo Da Vinci and his drawing and painting techniques and will apply these skills in their own paintings and drawings.

Computing – Communication and collaboration
In this unit, we will learn about internet addresses, data packets, communication and how we can work together collaboratively on a piece of software. We will also continue with learning about how to keep ourselves safe when using technology.

PE
This term, the class will continue our learning about 'Invasion Games' through football. We will learn about dribbling, controlling the ball (under pressure), passing, being a supportive teammate and how to apply rules fairly to a game.

PSHE
In PSHE, we will be looking at *Rights, Rules and Responsibilities*. We will be learning about the basic rights of children and adults, and how these are protected. We will recognise that it is everyone's right to feel respected. We will describe our views with courtesy and manners and debate respectfully.

History
The children will be learning about World War I this term. They will learn about the causes of WWI, learn how WWI was fought, learn about what life was like for soldiers and those on the Home Front, along with learning about the consequences of WWI.

Science
The science unit for this term is *The Human Body*. The class will learn about the role of the heart in pumping blood around the body, blood vessels, heart rate and variables in experiments.

RE – Do Religious Worldviews Change Over Time?
This term, the children will learn about the Protestant Reformation in Europe, during the 16th century. They will be learning about Protestant and Catholic Christians at that time, and the traditions within the Catholic church. The class will spend some time learning about Anne Askew, a Protestant Christian who was tortured and executed for her beliefs.

Half-term value - Thankfulness
The value of thankfulness will be woven into all our time in school this term. Additionally, we will be looking at how we show thankfulness out of school.

Enrichment opportunities:
In the second half of the autumn term, we will be having a Suffragettes Day (to link to our history learning). Dates and further details will be shared later in the term.

English
Reading
Class book - The 1,000 Year Old Boy by Ross Welford

Writing
Fiction: The children will be writing a narrative text that includes dialogue, linked to our class book.
Non-Fiction: The children will be writing a biography of the author Ross Welford.

Grammar
To write in these different genres, the class will be opening sentences in different ways, through the use of subordinate clauses. Additionally, they will be identifying and writing sentences including relative clauses and adverbials. They will apply these skills in all pieces of writing across all subjects.

Spellings
Spelling patterns will be taught along with statutory words from the Y5/Y6 word list. Additionally, the learning of subject-specific vocabulary will be incorporated into spellings.

Latin
This term, the class will build on their Latin learning from Year 5. The class will translate stories, learn about different verbs and how the verb endings change. We will look at the story of Romulus and Remus. We will continue to learn about the character Flavius and apply our translation skills within these texts also.

Geography – Spatial Sense
This term, the children will learn:
- How the lines of longitude and latitude divide the world into sections
- That the Arctic and Antarctic circles are regions close to the Earth's poles
- That the world is divided into 24 hourly time zones
- How map projection is a method that involves representing our round Earth on a flat piece of paper
- How maps can help us to understand data about places, people and the environment

DT
Our DT teaching will take place during the second half of the Autumn term, where we will be making 'Water Walls'. For this unit, we will be using milk bottles and containers, that we would normally put in the recycling.