<u>English</u> We will be reading 'There's a boy in the girls' bathroom.' We will explicitly look at vocabulary and key grammatical features, such as using parenthesis, complex sentences and advance punctuation. We will explicitly link our written work to our reading detective dogs: giving opportunities for inference, predictions and summaries. We will also read 'Beetle Boy' alongside this.

Maths We will be focussing on fractions, finding mixed numbers and improper fractions. We will compare fractions and order them according to size. We will learn how to add, subtract (Year 5) and multiply, divide (Year 6) fractions. We will be finding fractions of an amount and of a shape. We will be developing our problem solving skills and reasoning through explaining our working out and finding the most efficient method. Year 6 will move onto converting units and looking at metric and imperial measurements.

<u>Year 5 Key Instant Recall Fact:</u> I can find the factor pairs of a number.

<u>Year 6 Key Instant Recall Fact:</u> I can identify common factors of a pair of numbers.

<u>Science.</u> We will continuing with the topic of forces, linking to our work in Design. We will learn about types of forces such as gravity, friction, water resistance and air resistance. The children will identify forces and find out about Isaac Newton and his discoveries. The children will look for patterns and links between the mass and weight of objects, using newton meters to measure the force of gravity. They will explore fair testing and variables.

Music We will be learning to sing and play instruments to Happy by Pharrell Williams - a Pop song with a Soul influence about being happy. We will appraise music.

<u>Computing</u> Children will learn to code programs that take text input from the user. They will be designing and making a more complex program, explore using functions, flowcharts and control simulations. Eventually pupils will design their own text-based adventure game.

Ancient Rome

Year 5 and 6 Autumn Term 1 2024



Why?

- To enrich our understanding of different countries and their features around the world.
- To develop our understanding of a European society that provides contrasts with British history
- To inspire curiosity about the past.

<u>Foreign Language</u>

Our topic is let's go shopping. We will be exploring shopping conversations, clothes, money and what going to the shops in France might be like. We will revise our counting and colours vocabulary.

PSHCE, British values and School Values

We will be following the SCARF curriculum for PSHCE and will learn about valuing differences. We will consider ways of being a good friend, ways in which we are the same/different, bullying, voting and respect for others as well as some of our health education sessions involving puberty, growing up and moving schools.

<u>Teacher:</u> Mrs Cotterell

History & Geography Our topic is Ancient Rome, we will learn about the spread of the Roman Empire out of Italy and across large parts of Europe, parts of North Africa and West Asia. We will learn how Britain changed after the invasion and conquest by the Roman army in AD 43 and about the impact on daily life. We will learn about the Roman legacy and will explore key historical terms such as 'empire', 'invasion' and 'conquest'. We will find out about Boudicca's rebellion and the building of Hadrian's Wall.

Religious Education. We will be considering beliefs in God and why some people believe and others do not. We will define the term atheist and agnostic and explore what this means. We will discuss some of the main reasons people give for believing or not believing. We will look at statistics and the census and how beliefs are reported.

Art and Design Children will be exploring graffiti and street art to create an image that portrays something they are passionate about. They will learn about the chiaroscuro technique.

<u>Design Technology</u> We will be exploring gears and pulleys, finding out about gear trains and then using this to help plan and make a mechanical toy linked to our literacy work on the story Clockwork. We will evaluate our design and suggest improvements.

Physical Education Through our PE lessons we will learn how to play a range of team games including netball, football, basketball and tag-rugby and develop the skills required to play effectively. We will learn ways to warm up and cool down safely. We will develop our own fitness levels and try to improve our stamina each week.