

English

This term we will focus our English lessons around the texts 'The London Eye Mystery' by Siobhan Dowd & poetry, debates, fiction/ nonfiction writing.

English activities will involve:

- Reading with fluency, Understanding and accuracy.
- Writing in role as a character to show empathy in the form of diary entries and letters.
- Writing descriptions of characters and settings based on evidence from the text.
- Writing story predictions.
- Writing non fiction pieces such as a newspaper report.

There will be a key focus on:

- Developing understanding of punctuation, subordinate clauses, complex sentences, paragraphs and specific vocabulary choices.
- Grammar, spelling and handwriting will be an additional focus within all lessons.

Science

The focus this term is Forces, in this unit we will learn to:

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

Physical Education

Our focus this term will be:

- Outside: Net and wall games
- Indoor: Dance

Premier Sport will take indoor P.E on alternate Thursdays.

Please ensure your child has the appropriate kit.

Navy shorts/ tracksuit bottoms and a white

Year 5 Spring 2 Up, Up and Away



Art/DT

This term we will be:

- Design and make products that use levers, pulleys, gears and/or springs and explore their effects.
- Explore resistance in water by making and testing boats of different shapes.
- Studying the artist Monet and creating water colour pictures taking inspiration from the artist.

At home you can research and discuss different artists that use watercolours in their work.

Religious Education

This term we will focus on:

- What does it mean to be Christian?

Modern Foreign Language

Take part in conversations and express simple opinions *giving reasons and* Gain an overall understanding of an extended spoken text which includes some familiar language

PSCHE

We will be learning to understand how the body changes as they approach puberty and to understand the effects of certain substances on the body and what we can do to stay healthy.

Computing

This term we will focus on creating a website about cyber safety. This unit will enable the children to:

- develop their research skills to decide what information is appropriate.
- understand some elements of how search engines select and rank results.
- question the plausibility and quality of information
- develop and refine their ideas and text
- develop their understanding of e-safety and responsible use of technology.

Maths

This term we will be focussing on:

- Compare fractions with related denominators using equivalence; find unit and non-unit fractions of amounts; find fractions, multiply and divide to solve word problems. Know decimal equivalents for halves, quarters, fifths, tenths and hundredths. Methods used include chunking to divide decimals.
- Plot points and draw polygons in two quadrants; work out new co-ordinates after a translation; reflect a shape and write the new co-ordinates; draw a line graph and read intermediate points. Draw a conversion graph of imperial to metric units and use it to read off equivalent measures. Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- Find the perimeters of rectangles and composite shapes; work out the missing lengths of sides in order to find perimeters; find the area of rectangles including squares; estimate then count to find the area of irregular shapes; calculate the area from scale drawings; estimate and find the volume of shapes by making it with centimetre cubes.
- Mental division using place value to divide whole 2-digit numbers to give 1-place decimals. Mental multiplication of 1-place decimals to give whole numbers. Recognise decimal and fraction forms of tenths. Place one-place decimals on a number line. Round tenths to nearest whole; Compare 1-place decimals and write one in between
- Use compact written column addition to add amounts of money. Mental subtraction using counting up to subtract 3 digit numbers. Find change from £5 or £10. Find a difference between prices
- Tell the time to the nearest minute; use analogue, digital and Roman numeral