

English



Text: Clockwork

In this unit, the children will read the entire text of *Clockwork* by Phillip Pullman. They will read, comprehend and summarise the main points of text. Together the children will work to understand the underlying themes and narrative twists in the plot.

The unit will aid children to support their views by quoting the text and linking it to wider knowledge or supposition. Furthermore, pupils will anticipate and predict possible endings by writing from different prospective using the medium of characterisation.

Biographies and Autobiographies

In this unit the children will be taught to distinguish between biographies and autobiographies. They will use these skills to research and write their own biographies. This topic will relate to and link with their history topic.

Persuasive and Balanced Arguments

The skills involved in writing both a balanced and persuasive argument will be looked at during this unit.

We will continue to focus on the use of vocabulary, spelling, handwriting, grammar and punctuation. After the Spring Half Term the children will be revising all non-fiction genres of writing, including narrative.

Reading

Reading and comprehension skills will be developed through a variety of activities including guided reading. Please continue to support your child through *daily* reading at home and practising their weekly spellings.

Maths



The key objectives will be:

- To use knowledge of place value and multiplication facts to 10×10 to find related multiplication and division facts
- To multiply and divide single digit numbers and decimal numbers e.g. 0.8×7 and $4.8 \div 6$
- To express one quantity as a percentage of another
- To find equivalent percentages, decimals and fractions
- To use written methods to add and subtract whole numbers and decimals
- To use written methods to multiply and divide whole numbers and decimals by a whole number
- Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
- Use understanding of position and direction to describe positions on a four-quadrant grid.
- Calculate the area of parallelograms and triangles including the use of cubic centimeters (cm^3) and cubic metres (m^3)
- To visualise and draw on grids where a shape will be after a reflection, translation or rotation through 90 and 180 degrees
- To solve problems by collecting, selecting, processing, presenting and

Indoor and Outdoor PE

Hockey

This term in Hockey the children will be dribbling and passing in various directions. They will learn to understand the basic rules of the game and how to defend and attack.

Computing

Digital Literacy



The children will be consolidating their understanding of grammar and reading comprehension through interactive activities. The children will work independently to develop these skills in a variety of contexts using computer-based technology to develop their knowledge.

Additional Information

This term is a vitally important term for all children in Year 6. The children will be taking part in a number of additional Reading, Writing and Maths groups to ensure they are prepared for their SATs at the beginning of May. We will be starting some groups from 8.30am so it is imperative that ALL children are in school and on time as much as possible over the next 4 months.

In order to support every child as much as possible, homework is compulsory. It will be handed out on Friday and due in by the following Wednesday. Please support your child as much as possible with their homework. If there are any questions regarding homework, please ask your class teacher.

We will also be selling Revision guides for children to work through.

Useful Websites

www.activelearnprimary.co.uk

www.mathletics.co.uk

www.dbprimary.co.uk

www.grange.harrow.sch.uk

Useful Dates

Half-term holiday : 15th - 19th February

Science Week : 4th - 10th March

Easter Holidays : 25th March - 8th April

Science

Can you see the Light ?

The key objectives will be:



- To cement knowledge of the Sun as well as other sources of light and to understand how light travels.
- To re-familiarise knowledge of how shadows are formed.
- To understand how various sources of light effect our sight.
- To explore how light reflects on different surfaces and how refracted light passes through various materials.
- To learn how objects appear coloured in our eyes and discover how rainbows are formed.
- To gain knowledge on how fast light travels in comparison to the speed of sound through a series of investigations.
- To revise knowledge of how circuits are constructed.
- To understand and implement the array of symbols used to create circuits.
- To identify and repair their own circuits.
- To uncover the structure of a light bulbs and how the length and thickness of wires effect the flow of electricity.
- To formulate their own enquiries about the number/voltage of cells used in a circuit.
- To make predictions based on their findings and to learn the difference between parallel and series circuits.
- To apply the entirety of their knowledge of circuits to a variety of practical challenges.
- To employ their knowledge of simple circuits to controlled technology (i.e. traffic lights, fridges and burglar alarms) using online programmes.