

## Mathematics

This term in Maths we will be learning and revising:

- Formal methods for all four operations (+ - x ÷)
- Equivalent fractions, decimals and percentages
- Fraction and percentage amounts
- Calculating unknown angles in triangles, quadrilaterals and other regular polygons
- Finding missing angles which meet on a line, around a point or are vertically opposite
- Reading and plotting coordinates in all four quadrants
- To reflect and translate shapes
- Convert between metric units of measure
- Calculate the area of different quadrilaterals and triangles
- Investigate the perimeter of regular and irregular shapes
- Calculate the volume of cuboids
- Investigate, describe and find missing terms in sequences
- To know the basic rules for algebraic notation
- To solve problems involving ratio and scaling

As part of our preparations for the SATs, applying skills to solve problems will be a regular part of all lessons. Children will be challenged to identify and correct common errors and taught strategies to estimate and check their work.

## History

Inspired by our visit to Reading Museum to see the Bayeux Tapestry, we are learning:

- Why the year 1066 and the Battle of Hastings was such a turning point in British history
- Considering historical sources (such as the Bayeux Tapestry), including any historical bias
- Recounting the events from different points of view and for different audiences and purposes (as a newspaper account, first person recount, information report)
- Exploring the impact of the Norman conquest
- Researching other notable monarchs and their impact on the country
- Using a range of historical sources to examine other key historical events since 1066 and their impact
- Looking at local history and links to key events (Reading Abbey and Henry I who is rumoured to be buried under the ruins)

# 1066 & Beyond

## Science

This term in Science we are learning about animals (including humans):

- Identifying, naming and explaining the parts of the human circulatory system
- Recognising the impact of diet, exercise, drugs and lifestyle on the way our bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans

## English

This term in English we are basing our writing on 'How To Live Forever' by Colin Thompson and short animated film 'Alma' produced by Rodrigo Blaas.

The grammatical devices and punctuation we are learning and revising are:

- Adverbial and expanded noun phrases
- Different verb forms, including the subjunctive
- Passive and active voice to create sympathy and formality
- Using dialogue to develop characters and advance the action
- Using a range of sentence types (simple, compound and complex) and experimenting with the position of the subordinating clause
- Different types of figurative language (similes, metaphors, personification, allusion)
- Non-fiction organisational features
- Devices to build cohesion between sentences and paragraphs
- Precise vocabulary choices and writing with precision
- Using a dictionary and thesaurus effectively

Children can expect to write in a range of fiction and non-fiction forms, both formally and informally. Planning, proof-reading, editing and improving will be a focus whenever they write.

## R.E/P.H.S.E

This term in R.E. will be learning:

- How significant is it that Mary was Jesus' mother?
- Is anything ever eternal?

In P.H.S.E we will be learning:

- We will be looking at what it takes to achieve our ambitions.

## Art/D.T

This term in Art/D.T we are:

- Creating images in the style of the Bayeux tapestry
- Colouring and decorating textiles using a range of techniques including a running stitch

