

Mathematics

This term in Maths we will be focusing on revision in preparation for the SATs, covering areas including:

- 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.

After the SATs, children will use their mathematical skills to help plan and budget for some of the exciting events they have to look forward to this term, including the End of Year Prom and production. Children will learn valuable skills relating to managing money, budgeting and purchasing.

In addition to this, they will also apply their mathematical knowledge and skills across other curriculum areas such as art and DT.

Art / DT

This term in we will be learning:

Art: Create a pixel art image and a collective year group collage to celebrate our school community.

DT: Design games in computing and produce props.

History

This term we will be building on our study of 1066 and the Norman conquest of England by looking at other notable monarchs and leaders. We will be:

- Researching other notable monarchs (including Richard III and Charles I) and writing instructions about 'How to Kill a King'.
- Using a range of historical sources to examine key historical events since, such as witness recounts, paintings and contemporary reports.
- Looking at links to local history (Reading Abbey and Henry I - who is rumoured to be buried under the Ruins) and writing to Reading Borough Council in the hopes of persuading them to fund an archaeological dig to find the remains of Henry I.

Changes & New Beginnings

Science

This term in Science we are learning about Evolution & Inheritance. We will learning about how:

- Living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- Living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- Animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Music - End of Year Production

This term we will be focusing on singing and performance in preparation for our end of year spectacular!

English

This term in English we are basing our writing on the short animated film 'Alma' produced by Rodrigo Blaas.

We will be writing a first person recount from the point of view of different characters in the film; a deleted scene; and planning, writing and publishing a newspaper front page detailing the disappearance of Alma.

In addition to this, we will also be looking at the beautifully illustrated picture book 'The Viewer' by Gary Crew. Children will write a range of fiction and non-fiction texts, both formal and informal in tone and purpose. Planning, proof-reading, editing and improving will be a focus whenever they write.

As we approach the SATs in May, children will be revising SPAG daily (spelling, punctuation and grammar) using a variety of short games, activities and past questions.

Computing

We will be looking at:

- Programming, using selection, repetition and variables.
- How search engines work (including the children researching their own secondary schools)
- Understanding how computers communicate
- Vector programs to create multimedia posters to advertise the end of year production

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?

Our focus in P.H.S.E will be:

- A topic on Changes & Relationships, including a SRE unit (Sex and Relationships Education) which will build on and link to the children's work in Science
- Making a successful transition to secondary school

Trips

Thorpe Park (17th May) & the residential visit to Osmington Bay (23rd - 26th June).

