

Year 5
Curriculum Overview - 2023/24
Autumn - Tudors

Maths



4th September - Number and Place Value

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero
- Round any number up to 1,000,000 to the nearest 10,100, 1,000, 10,000 and 100,000
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals

25th September - Addition and Subtraction

- Develop their understanding of the meaning of the equals sign
- Add and subtract numbers mentally with increasingly large numbers
- Continue to develop knowledge of addition and subtraction facts and to derive related facts
- Solve addition and subtraction multi-step problems in familiar contexts, deciding which operations and methods to use and why
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction)
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

14th October - Multiplication and Division

- Use multiplication and division as inverses
- Develop their understanding of the meaning of the equals sign
- Recall prime numbers up to 19 and establish whether a number up to 100 is prime
- Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- Multiply and divide numbers mentally drawing upon known facts
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- Solve calculation problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- Identify multiples and factors, including all factor pairs of a number, and common factors of 2 numbers
- Recall square numbers and cube numbers and the notation for them

18th November - Measure (Area and Perimeter)

- Understand the difference between perimeter as a measure of length and area as a measure of two-dimensional space
- Measure and calculate the perimeter of composite rectilinear shapes
- Calculate and compare the area of rectangles
- Estimate the area of irregular shapes

2nd December - Statistics

- Complete table and interpret more complex tables (not timetables)
- Solve problems using information in tables (not timetables)
- Decide the best way to present given data

9th December - Geometry (Position and Direction)

- Continue to use coordinates in the first quadrant to become fluent in their use
- Identify the points required to complete a polygon
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

16th December - Problem Solving and Investigating

- Solving the 'chocolate problem'
- Investigating patterns

Literacy

Mega City - A short narrative revising grammar, editing and uplevelling skills.

Recount Writing - A first-hand account of the Battle of Bosworth - engaging the reader's emotions, combining description and action.

Non-Chronological Report - An information text with short biographies of Henry VIII's wives - use of relative clauses, grammar features for cohesion.

Stories from other times in history - An adventure narrative set in the Tudor times - combining action, description and dialogue.

Letter - A letter from a crew member on board the Golden Hinde or worker from Hampton Court Palace.

Computing

E-Safety and Digital Awareness

The use of email and how to use digital communications safely.

Digital Citizenship

Understand the importance of good digital citizenship including digital etiquette, and respect and how to be safe online.

Seesaw

Learning how to use the Seesaw app including using the drawing tool.

iMovie Unit

Use the video editing app to create a finished video, including editing audio and visual reels, as well as adding voiceover and a soundtrack.

Science

Properties and Changes of Materials

- Compare and group together everyday materials on the basis of their properties.
- Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Investigate the stretchiness of fabrics and thermal and electrical conductivity of different materials.

Living Things and their Habitats

- Understand the life cycles of insects, birds and amphibians.
- Compare and contrast the life cycles of different types of mammals.

History

The Tudors

- Understand key events in British history between 1066 and 1485
- Know the order of the Kings of England from 1066 - 1485 and understand the significance of the Wars between the Houses of Lancaster and York and key dates
- Understand the significance of the Battle of Bosworth and how it led to the start of the Tudor dynasty which united the Houses of Lancaster and York
- Know the succession of the Tudor monarchs, the relationships between them and key dates
- Know the history and significance of Hampton Court Palace as it links to the reign of Henry VIII (school trip)
- Understand the reasons why Henry VIII broke with the Roman Catholic church
- Understand how the succession of English monarchs after Henry VIII led to the persecution of Protestants and Catholics
- Understand why Elizabeth I was a significant ruler and understand her major accomplishments, including the defeat of the Spanish Armada
- Understand the significance of Tudor explorers, their importance in England's prosperity and the development of the British Empire
- Understand some aspects of Tudor life (Tudor Day)

Games and PE/Dance

Athletics

A variety of track and field athletic events including:

- Pace Judgement, sprint starts, fitness circuits, long jump and triple jump, throwing and an inter-house competition

Tudor Dance

- Etiquette & The Pavane
- The Galliard

Invasion Sports

- Football
- Hockey
- Netball

Basketball

Real PE

Art/DT

Portraiture including artists from the Tudor period

- Works of artist Hans Holbein The Younger including *Portrait of Henry VIII*
- Drawing faces in proportion
- Multimedia Tudor style portrait

Food Technology

- Taste and evaluate a range of soups
- Design pottage (soup) recipe
- Learn cooking skills safely - chopping
- Evaluate a finished product

PSHE

Relationships

- Families and friendships
- Safe relationships
- Respecting ourselves and others

Rights and Responsibilities

- The history of UNICEF and making a Class Charter

Anti - Bullying Week

RE

Islam

- Muslim worship and the Five Pillars of Islam

Christianity

- What do Christians believe and how does Jesus' teachings challenge Christians

Music

Throughout the year the children will be part of a termly rotation that will include:

- Trumpet tuition with Surrey Arts
- Learning how to play the Glockenspiels

French

- Personal information and my family
- Using the negative to describe people
- School subjects
- Telling the Time
- Christmas traditions and songs