

## Year 5 & 6 – Off with Their Heads!!



### Mathematics

For Mathematics this term, the children will be covering the topics of place value; addition and subtraction; multiplication and division; and fractions.

In Year 5, the children will be learning to read, write, order and compare numbers to 1,000,000. They will learn to round numbers within 1 million to the nearest 10, 100 and 1000. They will learn to add and subtract numbers with more than four digits using efficient written methods and will apply these methods when solving multi-step addition and subtraction problems.

For multiplication and division, the children will be calculating factors and multiples. They will learn about prime, square and cube numbers and will learn to multiply and divide a number by 10, 100 and 1000.

The children will learn to find equivalent fractions and how to convert an improper fraction into a mixed number and vice versa to compare fractions. They will learn to add and subtract fractions with the same denominator.

In year 6, the children will be learning to read, write, order and compare numbers to 10,000,000. They will learn to round any integer to the nearest 10, 100 and 1000. The children will also be learning about negative numbers.

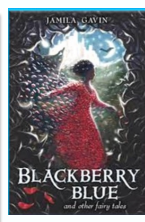
They will learn to multiply a two-digit number by a four-digit number using efficient written methods and will learn to calculate using short and long division. They will apply these methods to solving multi-step problems. The children will also learn the order of operations (known as BIDMAS).

The children will learn how to add and subtract any fraction, including mixed-numbers.

### English

#### Reading:

As part of our 'Steps to Read' programme the children will be reading a range of traditional tales and poetry texts. The books will support the children to develop their word reading and comprehension skills as well as to increase their knowledge of a wider range of texts and themes.

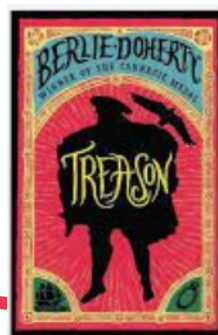


A range of song lyrics



#### Writing:

This term, year 5 and 6 children will be reading the books 'Treason' by Berlie Doherty, and 'Spy Master' by Jan Burchett and Sara Volger. They will be completing lots of writing tasks linked to these books, including, character descriptions, historical narratives and letters. They will be developing their use of more sophisticated punctuation such as dashes, commas and brackets for parenthesis. They will be learning and using a wide range of vocabulary linked to the Tudor period to use in their historical narratives.



## The Big Picture – Off with their Heads!

### History – The Tudors



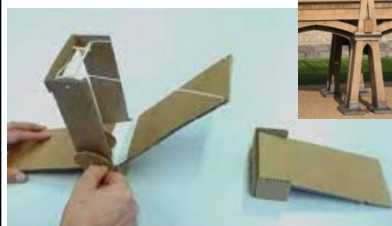
For History, the children will be learning about the Tudors. They will compare the lives of rich and poor during this time period.

The children will investigate questions such as: What should king Henry VIII be remembered for? And what clues are there about what life was like for poor Tudor people in my local area?

They will learn about the impact that King Henry had on the country, including over religion.

### Design and Technology – Drawbridge mechanism

For design and technology, the children will be exploring drawbridges within historical castles. The children will learn that a drawbridge operates using a pulley mechanism to raise and lower them. The children will consider how they could use this mechanism to design and make a 'rat catcher' container to solve the problem of rats in the kitchens of Hampton Court Palace.



### Geography – Changing World Maps

For Geography, the children will learn about Queen Elizabeth I and her passion for exploration and how this affected the trade and goods available in Britain.

They will explore world maps and make comparisons with modern day versions. They will explore questions such as: Are any continents a different shape or missing? Why do you think that is?

They will learn that maps can go out of date very quickly – political maps especially and think about reasons why maps might change and need updating today.



### Art - Portraits

For Art, the children will be learning about the famous 16<sup>th</sup> century portrait artist Hans Holbein the Younger. They will be focusing on his portraits of Tudor monarchs, examining the proportions of the face within them. They will use the portraits as a source of evidence to learn about power and wealth in the Tudor period. The children will practice sketching their own self-portraits. They will learn to mix secondary and tertiary colours, with increasing control and learn that darker and lighter colours can be added to create tints and shades. They will apply these skills to create their own portrait in the style of Hans Holbein.



## Music

For music, the children will be listening and responding to songs from the Tudor period. They will listen to some well-known songs from this period, some of which are believed to have been written by King Henry VIII himself such as Greensleeves and Pastime with good company. The children will listen carefully to identify the instruments being played, such as the harp and the lute. They will learn to sing the songs with clear diction and accurate melody. They will practice playing an accompaniment to 'Greensleeves' using tuned and untuned percussion.



## Religious Education

For RE this term, the children will be exploring the questions: 'How and why do Christians try to make the world a better place?' And 'What Kind of King is Jesus?'

Through these questions, the children will consider the concept of stewardship. They will learn that Christians believe that humans are stewards of God's creation and that Christianity teaches that humans have a responsibility towards the environment. Christians have a duty to do what they can to ensure they are environmentally responsible.

The children will consider the qualities of a good 'king' and through exploring biblical texts, will give their own views as to what kind of king Jesus is.

## Computing

For computing, the children will learn to recognise the different services that computer networks can provide i.e. the World Wide Web. They will learn to use a search engine efficiently by filtering and deepen their understanding of how results are selected and ranked. The children will be taught to understand that information put online leaves a digital footprint and that they should use technology safely, respectfully and responsibly. They will learn to identify a range of ways to report concerns about content and contact.

## Physical Education

For P.E. this term, the children will be practicing skills across the sports of tag rugby, football, gymnastics and netball. They will practice and develop key skills for each sport including, passing, moving, marking and shooting. The children will also develop attacking and defending principles while gaining a greater understanding of the tactical side through game related practice.

## PSHE

For PSHE this term, the children will be learning about keeping safe. They will learn about the different kinds of contact, including unwanted contact, which could also be bullying.

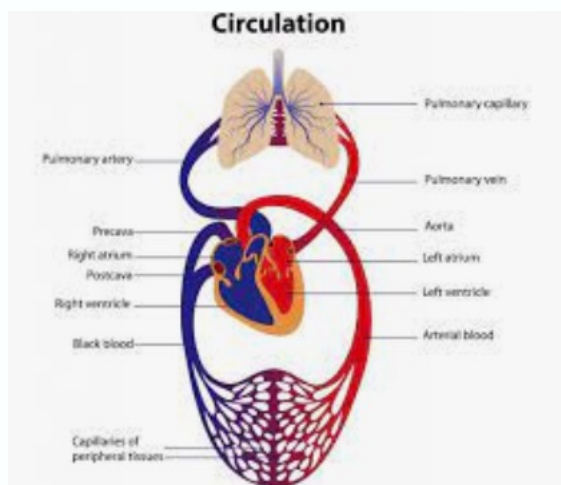
They will learn about the importance of seeking help from a trusted adult if they find physical or emotional contact uncomfortable, or if they feel unsafe about anything.

## Science

This term, the children will be completing the science unit 'Animals including humans'. They will learn about the changes that humans go through as they develop from babies through to old age. This will include learning about the changes that the body goes through during adolescence i.e. puberty.

The children will learn about the human circulatory system including the role of the heart and lungs. They will learn about the differences between veins, arteries and capillaries. The children will investigate the effects of exercise on the heart and the causes of this.

The children will also learn about the effects of smoking, alcohol and drugs on the body and why it is important to look after your bodies through living a healthy lifestyle that includes a balanced diet, exercise and keeping safe in the sun.



## Trips and enrichment



This term, the children will be visiting the famous residence of Henry VIII - Hampton Court Palace.

They will have the opportunity to see for themselves the kitchens, great hall and state apartments and will see some of Hans Holbein's portraits in the flesh. They will take part in a workshop where they will journey through the palace, looking for evidence to tell us which commodities the Tudors wanted and who paid the human price for the legacy of Elizabethan exploration.

## RE and Art week

This Autumn term, we will be holding an RE and Art themed week based around the question: Do animals belong to God?

The children will hear about the part that animals play in our lives. They will hear from people of a range of different faiths to find out about the different beliefs about animals. The children will learn how to paint a portrait of a chosen animal and will consider the impact that human activity has on the lives of animals.

