

# YEAR 6

## Curriculum Overview

### 2025 Autumn



#### Welcome to Year 6

Year 6 is full of opportunities. There are many different ways in which the pupils can take on responsibilities and demonstrate their maturity as well as broaden their own experiences through many and varied extra-curricular activities. It is also a time for them to draw together the learning they have done throughout the Primary Curriculum.

#### Uniform and Equipment

Please ensure that children have the correct uniforms and that all their belongings are clearly named. Children will need to come to school in their correct PE kit on Tuesdays and Fridays. Children must be able to remove their own earrings or even better, don't wear them to school on those days.

Children need to have a named water bottle and a waterproof coat in school every day. We will try to ensure that we enjoy time outside the classroom for playtime, and other learning experiences, but can only do this if the children have the correct outdoor clothing.

#### Homework

Homework will be set on Fridays and will be due in the following Wednesday.

Even if you feel your child is a fluent reader, it is still important for them to read and discuss texts, preferably daily.

Regular practice with mathematical concepts such as times tables and telling the time are also important and this can be done through TTRS as well as other online games, written practice, songs and other games.

#### Our values...

**Determination, Respect, Self-Belief,  
Teamwork, Honesty and Passion**

#### Maths

In Maths this term we will spend time revisiting place value, understanding the value of digits up to Millions. We will be using the four operations; addition, subtraction, multiplication and division, focusing upon quick and efficient methods with bigger numbers and decimals in different contexts. We will refine written methods for the four operations and begin to use simple algebra to satisfy equations.

We will find fractions of quantities, compare and simplify fractions and start to operate with fractions with different denominators.

We will also explore co-ordinates and understand how to move shapes on grids through translation and reflections.

Throughout all our maths work, we will be developing the children's mastery of maths. They will develop their fluency, reasoning and problem solving skills. There will be a big focus on the children explaining what they are doing and broadening their understanding of the concepts covered.

#### Our themes this term... The Battle of Britain Climate Change and trade

#### English

In English we will be focusing on reading, comprehension and the analysing of increasingly complex texts.

We have already started reading the book 'Holes' by Louis Sachar and we are using this as a basis for a range of fiction and non-fiction writing. We will explore characters and themes within stories to develop writing that uses increasingly complex structures and vocabulary.

We will be considering the formality of language within our own non-fiction writing and distinguishing between fact and opinion in texts.

Throughout the term we will constantly be reviewing and developing our use of Spelling, Punctuation and Grammar (S.P.A.G.).

High expectations of written work will apply in all subject areas, not just English lessons.

#### Science

##### Animals including Humans – the circulatory system

This term we will be exploring the human circulatory system and learn about the functions of the heart, blood vessels and blood. We will investigate the impact of diet, exercise, drugs and lifestyle on the way the body functions and what we need to do to help us stay healthy. We will also consider the ways in which nutrients and water are transported within animals including humans.

##### Light

The pupils will see how light travels in straight lines from light sources to our eyes and back. We will experiment with mirrors to see how they can reflect light and see how a prism changes it. We will find out how light enables us to see colours and explain why shadows have the same shape as the object that casts them.

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#### Music

Improvise music for a range of purposes  
Play and perform in solo and ensemble contexts  
Opportunity to play a musical instrument

We will be introducing and learning to play the guitar. The children will continue to read and interpret music.

#### Design & Technology

To investigate different types of shelters and evaluate the materials used to make them. Design, make and evaluate a shelter.

Linked to our History topic, children will research different types of shelter, with a particular focus on the Anderson shelters used during World War Two. They will evaluate the materials used to make them and the availability of these and then plan their own scaled version. They will consider how to decorate their model appropriately.

#### PE

Develop movement, balance and sequencing skills.  
To choreograph individually and collaboratively.  
To learn sport specific skills and how to apply these in a competitive situation.  
To work with other and to apply the rules of a game honestly

**Gymnastics** Children will learn, explore and develop gymnastic moves on the floor and use apparatus. They will work with others to create sequences thinking about how to vary the level, direction and pathway of routines.

**Tag Rugby** The children will be learning a number of physical skills as well as Rugby specific skills such as passing the ball backwards whilst moving. They will be learning about the importance of teamwork and sportsmanship. This will be further developed through Team building activities at Sayers Croft.

**Dance** Children will respond to music and create routines to different stimuli and themes, both individually and collaboratively.

**Dodgeball** Children will develop the fundamental skills of changing direction, dodging and catching. They will be practicing throwing with accuracy and considering how to apply tactics to outwit their opponent. They will be taught the importance of honesty whilst playing to the rules.

#### History & Geography

To address historically valid questions about change, cause and significance since 1066.

Through our study of the significance of the Battle of Britain, we will find out about World War Two and how this was a significant turning point in the war and therefore how this affects our lives today.

To describe and understand key aspects of physical geography including climate change, biomes and vegetation belts.

We will be looking at food produced in different climates, how these are affected by climate change as well as seasons. We will think about the positive and negative impacts of locally grown and globally imported food and consider how to make the food system fairer for the planet and its people.

#### Art

##### Craft Design – Photo opportunities

This unit focuses on photography. Initially we will look at composition and see how this can be used to create an effective advertising poster. The children will gain an understanding of a range of design techniques to create photomontages.

#### Computing

Computer Systems, Communication and Collaboration

The children will be finding out about the importance of internet addresses and how data is transferred across the internet. We will evaluate different ways of working together online and seeing how sharing information can help people to work together.

#### RE

How is God three and yet one?  
What do Christians believe about the Messiah?

The pupils will gain an understanding of how God is a Trinity – Father, Son and Holy Spirit – and yet One. They will look at the distinct character and purpose of each part and the different symbolism that can be linked to this.

We will be looking into the Christian belief that ancient prophecies in the Old Testament foretold of the birth, life and death of Jesus. They believe that because he fulfilled many of these prophecies, he is the 'Messiah'.