



# Year 6 Curriculum Newsletter



## Term 4

### Maths

In maths this term, we will be using our existing arithmetic skills to support us with a range of mathematical concepts. We will build on our knowledge of measurement, including conversions, as well as perimeter and area. We will be looking at compound shapes such as triangles and parallelograms and begin to find the area of these challenging shapes. We will start to label the parts of a circle and recognise the relationship between the diameter and the radius to support us in solving a range of problems. Towards the end of the term, we will begin to delve into ratio and algebra, becoming familiar with scale factor and the  $n$ th term. We will be applying these objectives to real life concepts.

### RE

This term, children will learn about the question *“Is Christianity still a strong religion 2000 years after Jesus was on earth?”* They will build on prior learning to explore how Christian beliefs, symbols and festivals continue to influence the lives of believers today. Learning will include the origins and meaning of Mothering Sunday, the significance of Harvest celebrations, and the fish symbol as an early sign of Christian identity, showing Christianity’s ongoing impact in the modern world.

### English

Our unit this term will be a book-based unit. Everyone will have a copy ‘The Clockwork Conspiracy’ by Sam Sedgman. This thrilling adventure is based on a young inventory racing across London solving cryptic clues to uncover a sinister plot before time runs out. We will create a drama based upon a scene from the book, expand our short story writing, write a persuasive letter and a poem based on this fast-paced adventure.

### Music

This term in Music, we are learning *Dona nobis pacem*. They will compose an 8-bar percussion piece in three-time using the chords of F major and C major, singing rounds accurately in a legato style, and identifying homophonic and polyphonic textures. They are also learning to sing a chorus in two-part harmony while dancing on the beat.

### Geography

We will learn that rivers and river systems are dynamic, changing the landscape in visible, and at times, dramatic ways. While only a fraction of the world’s fresh water is visible in lakes and rivers, river systems can have a fundamental impact on people’s lives. We will explore the causes and consequences of flooding in addition to developing our locational knowledge of major rivers in each continent.

## Science

Our unit on Animals including Humans is very exciting this term! We will be identifying and naming the main parts of the human circulatory system, and describing the functions of the heart, blood vessels and blood. We will describe the ways in which nutrients and water are transported throughout the body and recognise the impact of diet, exercise, and lifestyle on the way our body's function.

## PE

Children will be 'inspire create perform' unit looks to develop pupils' understanding of exploring, creating and performing movements and actions. The pupils will have the opportunity to develop their knowledge of simple actions and use of space, relationships and dynamics. They will have fun with different stimuli and experiment with simple choreographic approaches.

## Computing

In computing, we will be developing our skills in Microsoft Excel. We will start by organising data into columns and rows to create our own data set. We will identify the importance of formatting data to support calculations and learn how to apply simple formulas to multiple cells by duplicating them. We will use spreadsheets to plan an event and answer questions before creating graphs and charts.

## Home Learning

Each week, children will be given a short arithmetic task to complete at home. These will be handed out on a Friday and should be returned the following Thursday. In addition, children will receive a list of spellings each term to practise and learn.

In addition to this, children are expected to read at least four times a week at home. They will be given a book matched to their reading level. Once they have finished their book, they will complete a short quiz in school which allows us to see how they are progressing.



## Spanish

Our focus in Spanish will be 'La Segunda Guerra' (World War 2) this term. Through the medium of this familiar period of history, children will be taught the skills to understand longer and more complicated text in the foreign language. This unit ties in with literacy, promoting a deeper understanding of the role of verbs, nouns, articles/determiners and adjectives in sentences.

## PSHE

Our 1Decision unit this term is 'Feelings and emotions - worry'. We will be considering different emotions such as jealousy, anger and worry. We will look at these emotions through different situations. For example, starting a new school.

After this we will be learning about the PANTS rule using the NSPCC PANTS resources. More details to follow on Class Dojo.