

Spring 2 Term.

This term, Year 5/6 are learning:

<p style="text-align: center;">English</p> <p>In English this half term, we will be starting a new novel 'Clockwork' by one of the most well-known children's authors, Phillip Pullman. We will be exploring this short novel and interweaving SATS style reading questions into our English session. We will also be exploring narrative features, including using direct speech to portray character action and emotion and writing our own endings to the story which should help us tune into our creative writing side! We are hoping children will also seek Rooftoppers to continue reading and finish at home.</p>	<p style="text-align: center;">Mathematics</p> <p>In maths this half term, UKS2 will be revisiting and developing their learning around fractions. This will lead into new learning about decimals and percentages. Children will be able to convert between the three formats and understand how these can be used to solve reasoning problems. Real life scenarios will be given to help children develop a deeper understanding of percentages and fractions. The term will end with some shape work, mainly focussing on perimeter and area.</p>	<p style="text-align: center;">Science</p> <p>In science this half term, UKS2 will be learning about forces. This unit builds on learning from Year 3 Forces and Magnets, giving children the opportunity to build on their knowledge of forces as pushes and pulls. Pupils will learn that forces can make things increase their speed, reduce their speed, change direction or change shape. They will study gravity, friction air resistance and water resistance, looking at ways in which all of these forces act upon objects such as parachutes, boats and footballs.</p>
<p style="text-align: center;">Computing</p> <p>This half term we will be covering 'Big Data'. This topic focuses on different data. The children will gain an understanding of big data including barcodes, QR codes, infrared and RFID technologies.</p> <p style="text-align: center;">PSHE</p> <p>PSHE this half term is 'Healthy Me'. The children will learn about the effects of smoking and alcohol on our bodies. They will learn about body image and how others and media could influence their choices.</p> <p style="text-align: center;">French</p> <p>By the end of this unit pupils will have the knowledge and skills necessary to describe what they are wearing in French. This is a unit that brings together much of the grammar covered in so far (nouns, gender, determiners, plurality, possessives, adjectival agreement, 1st person conjugation) so that pupils can say and write what they are packing in their suitcase for a holiday.</p> <p style="text-align: center;">Music</p> <p>This term in music we a composition to represent the festival of colour, focusing on Holi Festival. The children will be able to select a colour to match a piece of music, as well as creating their own vocal composition in response to a picture and justify their choices using musical terms.</p>		
<p style="text-align: center;">Geography</p> <p>This half term, we will be learning about Australia. children will use maps of Australia to identify key settlements, such as the capital city of Canberra, and identify biomes and rivers. They will study physical aspects of Australia's geography such as the desert, the tropical rainforests, the mountains and the rivers. Throughout this unit children will be forming an understanding that Australia is a diverse place, is home to contrasting landscapes including rural and urban environments. Using population maps, children will locate areas of dense population and major settlements within Australia.</p>	<p style="text-align: center;">History</p> <p>The children will learn all about the Victorian era. This unit builds on from the unit on from the Industrial Revolution and looks at life in Britain during the Victorian Age. children learn about the significant life of Queen Victoria: both her personal life and some of her decisions as a monarch, including her involvement with the British Empire. This unit also delves deeper into the social aspects of Victorian Britain, looking in particular at the lives of the poor. The children will also learn about more positive aspects of the Victorian period, looking at the significance of the Great Exhibition and the growth in technology and new discoveries made by the Victorians.</p>	<p style="text-align: center;">Religious Education</p> <p>This half term during Religious Education, the children will be continuing exploring the question 'If God is everywhere, why go to a place of worship?' During this unit, the children will be learning the meaning of worship and about the different places of worship for different religions; this includes Sikhs, Hindus and Christians. By the end of the unit, the children will be confident in the different religions, they will know the different places of worship and the function of these places. Finally, they will be able to make comparisons between the religious places of worship.</p>
<p style="text-align: center;">Physical Education</p> <p>In Physical Education this half term, the children will be learning the game of 'basketball' with our Xcite sport coach, Jordan. They will be learning teamwork, formation and the ability to communicate in this sport which will develop across 5 weeks. This term the Year 5 children from class 11 will be developing their skills at Armthorpe swimming baths and gain extra confidence in the water to develop their strokes and techniques of swimming.</p>	<p style="text-align: center;">DT</p> <p>In DT this half term, we will be looking at the component 'Structures: Playgrounds'. In this unit the children will design their own playground before creating their own playground structures. The children will then go on to create a surrounding landscape for their playgrounds. During this unit, the children will learn about design footprints and understand that a prototype is used when designing many different structures.</p>	<p style="text-align: center;">Art</p> <p>This term we will be focusing on Chinese painting and ceramics. The first part of this unit focusses on Chinese brush painting: the materials used for paintings and calligraphy, subject matter and typical compositional devices. The children then study Chinese ceramics, at first investigating Ming Dynasty porcelain, how this was made and decorated with cobalt blue. They then learn how the Chinese traded porcelain with Europe, the Portuguese and then the Dutch, until the trade diminished in the early 1700s when the Europeans started to make porcelain themselves.</p>