



Curriculum Overview  
**Year 6 Spring Term**  
 January - March 2018

Form/ Year Group / Section Events	Personal, Social, Health, Citizenship Education (PSHCE)	Computing
<p>Term begins: Tuesday 9th January</p> <p>Half-term begins: Friday 9<sup>th</sup> February (4.10pm)</p> <p>Half-term ends: Sunday 18<sup>th</sup> February.</p> <p>World Book Day: Thursday 1st March.</p> <p>Parents' Evening: Tuesday 20th March</p> <p>Term ends: Friday 29<sup>th</sup> March (12.00pm).</p>	<p>This term pupils in Year 6 will study the following topics:</p> <p><b>Family and Friends:</b> They will learn how people deal with loss. The main focus is on self-image and stereotyping and how this can be influenced. They will then consider the choices that people make and the consequences of their behaviour.</p>	<p>The main topics covered this term will include:</p> <p><b>Programming:</b> The pupils will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. They will use sequence, selection, and repetition in programs; work with variables and various forms of input and output. They will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. They will select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.</p> <p><b>Technology in our lives:</b> They will use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. They will explain the consequences to myself and others of not communicating kindly and respectfully.</p> <p><b>e-Safety:</b> They will support their friends to protect themselves and make good choices online and explain the consequences to themselves and others of not communicating kindly and respectfully. They will learn how to protect their computer or device from harm on the Internet.</p> <p><b>Handling Data and Multimedia:</b> They will select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>
English	Mathematics	Science
<p>This term the pupils will be studying '<b>Private Peaceful</b>', paying particular attention to the rich tapestry of themes relevant to the pupils' own lives. They will develop their comprehension skills, concentrating on non-fiction material after half-term. In addition they will be extending their vocabulary and focusing on combining narrative and dialogue.</p>	<p>Year 6 pupils are set, differentiation occurring within the classroom with Set 1 extending and Set 2 reinforcing the topics as required. The topics covered this term are:</p> <p><b>Number:</b> The pupils will know the value of each digit up to three decimal places and recognise square and cube numbers. They will find primes, factors and multiples.</p> <p><b>Adding, subtracting, multiplying and dividing:</b> They will recap all four operations using whole and decimal numbers and apply these to word problems.</p> <p><b>Fractions, Decimals and %:</b> The pupils will recap converting mixed fractions to improper fractions and vice versa. They will add and subtract simple fractions with different denominators. They will order</p>	<p>The main topics covered this term will include:</p> <p><b>Chemistry</b></p> <p><b>Materials and their properties:</b> The boys will continue with this topic. They will learn some new separation techniques, distillation and chromatography.</p> <p><b>Solids, liquids and gases:</b> They will review the three states of matter and consider how the arrangement of particles in matter affects their properties. They will also investigate the effect of <b>air pressure</b>.</p> <p><b>Physics</b></p>

	<p>and convert between fractions, decimals and percentages and find fractions and percentages of whole and decimal amounts.</p> <p><b>Statistics:</b> They will review calculating different types of average: median, mean, mode and range and will apply this to word problems. They will explore probability.</p> <p><b>Shape and space:</b> They will find area and perimeter of compound shapes. They will classify, measure and draw angles and find missing angles. They will investigate reflections, rotations, including angles of 90, 180, 270 using tracing paper, and translations. They will explore rotational symmetry. They will revise the properties and names of 2-D and 3-D shapes and construct shapes using protractors.</p> <p><b>Ratios:</b> The pupils will simplify and use ratios to solve simple problems.</p> <p><b>Measurement:</b> They will convert between different metric units.</p>	<p><b>Electrical circuits:</b> The pupils will have the opportunity to design and construct series and parallel circuits to develop their knowledge of electricity. They will be introduced to basic electronics.</p> <p><b>Magnets:</b> The pupils will learn about magnetic forces and fields. They will construct an electromagnet and investigate what affects the strength of it.</p>
<b>Geography</b>	<b>History</b>	<b>Religious Education (RE)</b>
<p>This term the pupils will study the following topics:</p> <p><b>Weather and climate:</b> They will investigate the factors affecting the climate of the UK, such as pressure bands, rainfall types, microclimates, and air masses.</p> <p><b>Fluvial geomorphology (the study of landscape linked to the action of water):</b> This year the focus will be on rivers. They will study the various processes of erosion and transportation and the various landscapes produced during the course of a river. The pupils will also look into floods, including how they are caused and how they can be reduced.</p>	<p>This term the pupils will be studying the <b>Anglo-Saxon invasion and colonization of England</b>. They will learn of the Celtic response, including the role of Ambrosius Aurelianus (possibly King Arthur); the spread of Christianity; and the life and culture of Early Anglo-Saxon England. They will then study the impact of the <b>Viking invasions</b> from the 8th to the 11th Centuries, and the re-conquest of England from the time of Alfred the Great onwards. This will include an analytical investigation of the <b>life of Alfred</b> himself, answering the key question: 'Did Alfred really deserve to be called 'Great'? ' In this latter unit the pupils will learn how to plan and compose a long analytical essay. It will also involve studying a range of sources from the period, including extracts from Bede's 'Ecclesiastical History of the English'; 'The Anglo-Saxon Chronicle'; other chronicles; Asser's 'Life of Alfred' and archaeological and cartographical sources, such as place names.</p>	<p>This term Year 6 pupils will complete their study of <b>Jewish belief</b> and practices, and start their study of <b>Islam</b>. A particular emphasis is placed on the Five Pillars of Islam and how a believer lives out these Pillars in their life. Pupils will also study the life of the prophet Muhammed and about the importance of prophecy within Islam.</p>
<b>French</b>	<b>Latin</b>	<b>Core Skills</b>
<p>This term the pupils will complete the topic of shopping, in which they will also revise numbers. The pupils will perform a play in lessons to reinforce this. This will be followed by a module test. In the new module the pupils will learn the vocabulary for parts of a day and activities which occur at different times. They will then revise telling the time and describe their daily routine. Finally they will learn to conjugate regular -er verbs with an understanding of the subject pronouns.</p>	<p>This term Year 6 pupils will continue their study of Latin grammar and vocabulary, and of Roman civilisation. A particular emphasis this term will be placed on the construction of the present, imperfect and perfect tenses. Additionally, pupils encounter plural nouns and verbs and how these words are inflected. Pupils will also learn about the role of the forum in Roman civil life and Roman theatre.</p>	<p>The term starts with a topic on Comprehension Skills. Pupils will study a range of extracts from well known fiction and nonfiction writers in order to develop their level of comprehension and interpretation of text to a deeper level. They then move on to a study of fiction genres in which pupils reinforce the concept through a selection of adventure books. Through this writing analysis they will create their own adventure writing drawing on their understanding and knowledge of the features of the genre.</p>
<b>Art</b>	<b>Craft, Design Technology (CDT)</b>	<b>Music &amp; Drama</b>
<p>In Year 6 the pupils will enter the <b>Young Art Oxford competition</b>. They will develop their own unique entry based upon the given title.</p> <p>The terms topic will be <b>Typography</b>:</p> <p><b>Sketchbook work:</b> They will experiment with drawing, painting, lino print and textiles.</p> <p><b>History through art:</b> In this unit they will learn the history of type and follow it through to present day contemporary typefaces.</p> <p><b>Final piece:</b> In the final unit they will create a 3d textiles piece using a hoop to create a graffiti textiles piece.</p>	<p>The pupils in Year 6 will study the following topics:</p> <p><b>Kites and planes:</b> They will design and build a wooden plane from balsa wood, displayed on a stand, and then a kite to race in the school grounds. They will also design airline logos and have a paper aeroplane Year 6 'Fly Off !'</p> <p><b>Woodwork:</b> They will make a wooden toy vehicle suitable for a young child.</p> <p><b>Thermoplastics:</b> They will make an acrylic plane from a stencil and they will produce a Foamex pod holder.</p>	<p>The pupils in Year 6 will study the following topics:</p> <p><b>Music for Special Occasions:</b> Pupils will learn to identify musical features in pieces of music designed for special events and ceremonies, such as anthems and fanfares. They will perform and compose fanfares using arpeggios/broken chords and ostinato patterns.</p> <p><b>Whole Year Singing:</b> They will practise performing songs from 'St. Frideswide' in preparation for a concert in Christ Church cathedral, and learn songs for the senior production of 'Smike'. There will be an emphasis on vocal projection, tone production and communication with an audience.</p>
<b>Games</b>	<b>Physical Education (PE)</b>	<b>Swimming</b>

<p>The pupils will learn to play <b>football</b>. They will play in 9-a-side games and develop their basic skills, including kicking, passing, dribbling, shooting, throw-ins, free-kicks, penalties, tackling, positional play,tactics, and reading the game. They will participate in inter-school and house matches. They will follow the ISFA and FA U11 Football Guidelines.</p>	<p>This term the pupils will develop their skills in the following sports: <b>Basketball:</b> They will practise dribbling, passing in 3s, and shooting using a wall. They will learn the rules so that they can play a full court game. <b>Hockey:</b> They will learn to dribble with an open stick. They will practise push passing in pairs and small groups, and they will learn different ways of tackling. This will allow them to play in small sided games.</p>	<p>This term the pupils in Year 6 will develop their skills in all of the major strokes. They will improve their sculling technique. They will explore ways to float and maintain a vertical position. They will attempt various survival challenges allowing them to try for ASA water certificates in water survival. There will also be a diving competition.</p>
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