



## Curriculum Overview Year 7 Spring Term January - March 2019

Form/ Year Group / Section Events	Personal, Social, Health, Citizenship Education (PSHCE)	Computing
<p>Term begins: Tuesday 8th January</p> <p>Half-term begins: Friday 15<sup>th</sup> February (4.10pm) Half-term ends: Sunday 24<sup>th</sup> February.</p> <p>No Parents' Evening this term.</p> <p>World Book Day: Thursday 7th March. Victorian Waxwork Museum: Thursday 7th March</p> <p>Term ends: Friday 29<sup>th</sup> March (12.00pm).</p>	<p>This term Year 7 PSHCE will include:</p> <p><b>Diversity:</b> The topic looks at valuing differences between people and how they can demonstrate empathy towards others. It encourages a willingness to learn about people different from themselves. It looks at situations when people are excluded. It explores disability and sex discrimination.</p> <p><b>Sleep:</b> The pupils will look at the importance of sleep and discuss what prevents us from getting good sleep. They will learn strategies for improving their quality of sleep.</p> <p>They will also take part in <b>well-being</b> sessions to help them handle anxieties and develop relaxation strategies.</p>	<p>During this term Year 7 pupils will study the following topics:</p> <p><b>Data Handling:</b> Pupils will learn how to use more advanced formula in Excel and use spreadsheets for modelling purposes.</p> <p><b>Programming:</b> Pupils will develop their programming skills using Python in the second half of the term.</p>
English	Mathematics	Science
<p>This term the pupils in Year 7 will study the following topics:</p> <p><b>Reading:</b> Pupils will learn to understand, analyse and evaluate meaning from a range of prose. Pupils will learn skills including: understanding and vocabulary; use of text to illustrate answers; drawing of inferences; evaluation of style, language and purpose; delivery of arguments based on material; awareness of how grammar, syntax and punctuation affect meaning and capacity to make comparisons and evaluate contrast. They will recognise different literary techniques and how they shape writing.</p> <p><b>Writing:</b> Pupils will study how to write for a practical purpose: to argue, persuade, explain, advise and inform. They will also be given tasks which provoke imaginative, descriptive or narrative responses. In addition, there will be opportunity to write about the text which pupils have studied in class. Pupils will continue to extend their knowledge of spelling, grammar and punctuation through exercises in class and feedback from written assignments.</p> <p><b>Studied literature:</b> The main literary focus this term is 'The Hound of the Baskervilles' by Sir Arthur Conan Doyle. Pupils will analyse the characters and settings, themes and historical context of this book. Pupils will also develop and express their own personal responses to the text both in their writing and discussions in class.</p>	<p>The pupils will study the following topics: (topics are extended for Set 1 and further reinforcement is given in Set 2).</p> <p>Time will also be devoted to tackling problems, open ended questions and investigations.</p> <p><b>Properties of number:</b> They will revise the rules of number using whole numbers, decimals (not decimal divided by decimals), negatives and adding and subtracting fractions. They will practise rounding to decimal places and significant figures.</p> <p><b>Fractions, decimals &amp; percentages:</b> They will convert between fractions, decimals and percentages. They will calculate fractional and percentage amounts, mentally and on calculators.</p> <p><b>Algebra:</b> They will learn to solve equations and simplify expressions. They will use negative numbers and indices for substitution.</p> <p><b>Shape and Space:</b> They will draw cubes and cuboids using isometric paper and calculate volume and capacity. They will rotate, reflect and translate shapes on a four-quadrant coordinate grid. They will plot simple straight line graphs of the form <math>y=mx+c</math>.</p> <p><b>Measurement:</b> They will measure and calculate the area and perimeter of compound shapes. They will learn the formulae and use this to calculate the area and circumference of circles. They will draw using rulers, compasses and protractors various triangles.</p>	<p>The pupils in Year 7 will study the following topics:</p> <p><b>Chemistry</b></p> <p><b>Metal reactions:</b> The pupils will investigate the order of metals in the reactivity series and how this can be used to understand and predict metal reactions. This will be followed by learning how to calculate the <b>density</b> of a material.</p> <p>The pupils will also have a visit from Science Oxford who will provide a workshop on Material Sciences.</p> <p><b>Biology</b></p> <p>They will then study the <b>human body</b>, including the topics of food and digestion, breathing and respiration, movement and keeping fit and healthy. They will be carrying out a number of investigations about the body system and have the opportunity to see some pigs' lungs. This will be followed by a short topic on microbes.</p>
Geography	History	Religious Education (RE)
<p>This term pupils in Year 7 will study basic <b>geology</b> and geological processes. This unit will focus on the formation of limestone and the</p>	<p>This term, pupils in year 7 will begin their analysis of the Battle of Hastings and write their first full analytical essay on this topic. They will</p>	<p>Pupils in Year 7 will continue their study of the <b>Old Testament</b>. The focus will be on the story of Moses and the Israelite Exodus</p>

<p>associated features and landscapes it creates, both above and below ground. They will also study the various types of erosion of rocks, including physical, chemical and biological weathering.</p> <p><b>Industry and Industrial sectors:</b> They will undertake four separate case studies, one each from the primary, secondary, tertiary and quaternary sectors. They will examine how industry changes over time and with development.</p> <p>A unit of study will be undertaken on the nation of <b>Brazil</b>. We will look into the location, physical features and brief history of the country. We will then look into the use and exploitation of natural resources, especially the Amazon Rainforest. This unit will link into an ICT session led by the GIS teacher from Abingdon School, to be held in the APS computer suite.</p>	<p>begin studying the impact of the Norman Conquest on English society and geography. They will study the spread of Norman power and culture, from castles to cathedrals; William the Conqueror's Harrying of the North; the resistance of Hereward the Wake; the imposition of the feudal system; and the role of the Domesday Survey of 1086. They will also develop their ability to plan and compose analytical essays in response to questions based on these topics using source reference to support their points.</p>	<p>from Egypt. They will also study the stories of Solomon and David. The pupils are expected to know and understand such texts and develop the skills to evaluate the role of the biblical material in relation to contemporary issues, both ethical and theological.</p>
<b>French</b>	<b>Latin</b>	<b>Core Skills</b>
<p>To begin the term the pupils will be introduced to the perfect tense in both regular and irregular forms. The will be introduced to the 'Mrs Daventramp' verbs. We shall look at the possessive pronouns and have another look at the key irregular verbs in the present tense. Topics will include holidays, languages in different countries, the school day and how to express an opinion.</p>	<p>This term Year 7 pupils will continue their study of Latin grammar and vocabulary and of Roman civilisation. A particular emphasis this term will be on the infinitive mood and verbs which are generally used in conjunction with this mood such as 'possum', 'volo' and 'nolo'. Additionally, pupils will also learn about adjective agreement and how relative clauses were constructed in Latin. In order to understand the historical context of the passages studied, pupils will also learn about life in Britain both before and subsequent to the Roman occupation.</p>	<p>The pupils will undertake a literacy investigation of volcanoes through various media, including ICT research, using Powerpoint, fiction and non-fiction based texts. Comprehension strategies will be developed through questions and answer writing. They will produce a fact sheet or leaflet using ICT. They will respond to various tasks, fiction and non-fiction, based on Mount Vesuvius and the AD70 eruption. They will start reading Roald Dahl's autobiography 'Boy' in the half term holidays and focus on character description, including techniques to convey humour. They will develop their use of a variety of sentence types and revise the conventions for writing dialogue.</p>
<b>Art</b>	<b>Craft, Design Technology (CDT)</b>	<b>Music</b>
<p>Pupils in Year 7 are divided into Art or CDT sets for the first half of the year.</p> <p>The art students will explore Portraiture. They will experiment with a variety of media ranging from Tempera painting, charcoal and chalk, pencil and ICT.</p> <p>The main topics this term will be:</p> <p><b>Recording from observation:</b> The pupils will complete a range of observational tasks exploring the work of well known artists and those more locally.</p> <p><b>ICT:</b> They will complete the unit by exploring self-portraits and image manipulation to create a CAD inspired image of themselves.</p>	<p>This term the pupils in Year 7 will study the following topics:</p> <p><b>Electrical control:</b> They will make a simple Jitterbug and translate the 'off-centre pivot' principle to a handmade 'Jitterpen' toy which should draw perfect circles. They will design, build and test a desk fan with a switch.</p> <p><b>Thermoplastics:</b> They will heat and mould acrylic to make a useful object such as a pad and pencil holder.</p> <p><b>Woodwork:</b> They will produce a designer name plaque and make a free standing wooden Easter Egg.</p>	<p>The pupils in Year 7 will study the following topics:</p> <p><b>Gamelan Music:</b> Pupils will study the instruments of the Indonesian gamelan orchestra and replicate their sounds using classroom percussion. They will rehearse group performances involving core melodies, slendro and pelog tuning systems and interlocking layers. Pupils will also invent their own interlocking patterns.</p> <p><b>Major and minor:</b> The pupils will learn to internalise the sounds of major and minor scales through performing, improvising, composing, listening and appraising. They will learn to use major and minor keys as an expressive resource. They will become familiar with the rhythms of the Tango and Habanera. They will also revise their knowledge and understanding of tones, semitones, sharps &amp; flats, major &amp; minor scales, drone, ostinato, ternary and binary forms, dotted notes.</p> <p><b>Singing:</b> Boys will learn to sing songs from musicals</p>
<b>Games</b>	<b>Physical Education (PE)</b>	<b>Swimming</b>
<p>This term's major team sport will be <b>football</b>. They will train for and play 9-a-side games. They will practise the following skills: kicking, passing, dribbling, shooting, throw-ins, free-kicks, penalties, tackling, positional play, tactics, and reading the game. They will have the opportunity to participate in inter-school and house matches. Pupils will follow the ISFA and FA Junior Football Guidelines.</p>	<p>This term the pupils will develop their skills and understanding in the following areas:</p> <p><b>Hockey:</b> They will develop their skills in dribbling, passing and shooting, and taking short corners.</p> <p><b>Basketball:</b> They will learn to dribble and pass in small groups and practise shooting. They will practise different strategies for defence and</p>	<p>The Year 7 pupils will learn and practise the following skills:</p> <p><b>Backstroke:</b> They will practise their starts, and develop their leg and arm action.</p> <p><b>Butterfly:</b> They will be taught how to use their arms and legs.</p> <p><b>Water polo:</b> They will improve their dribbling and passing, both forward and backward.</p> <p>There will be an assessment of their backstroke this term.</p>

	participate in small-sided half court games, moving up to full-court games.	
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