



Curriculum Overview
Year 6 Summer Term
April - July 2017

Form/ Year Group / Section Events	Personal, Social, Health, Citizenship Education (PSHCE)	Computing
<p>Term begins: Tuesday 25h April</p> <p>Internal exam week: Monday 22nd - Friday 26th May</p> <p>Half-term begins: Friday 26th May (4.10pm)</p> <p>Half-term ends: Sunday 4th June</p> <p>Term ends: Friday 7th July (12.00pm).</p>	<p>This term pupils in Year 6 will learn to develop their knowledge of Healthy Bodies and Healthy Minds. This will include understanding their strengths and weaknesses and being resilient and able to make good decisions about risk and drugs.</p> <p>Ready Steady Go The pupils will prepare for their change to senior section/ secondary school.</p> <p>I.M.P.s (Injury Minimisation Programme) - The pupils will prepare for their I.M.P.s. trip to the J.R. hospital at the end of June. This includes completing an eatwell plate, accident prevention quiz on the internet using ipads, safety in the home, the I.M.Ps questionnaire and also work on risk and making good choices.</p>	<p>Technology in our Lives The pupils in Year 6 will understand computer networks including the Internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.</p> <p>Handling Data They will select, use and combine a variety of software (including internet services) to collect, analyse, evaluate and present information.</p> <p>Programming They will design, write and debug programs that accomplish specific goals, and solve problems by decomposing them into smaller parts. They will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>e-Safety They will learn to make good choices online, including reporting concerns to an adult. They will explain the consequences to themselves and others of not communicating kindly and respectfully and explain the consequences of sharing too much about oneself online.</p>
English	Mathematics	Science
<p>In the first half of this term the pupils in Year 6 will read 'Journey to the River Sea' by Eva Ibotson. They will write stories based on characters from the novel, and undertake empathetic work dealing with travel and friendship.</p> <p>After the end-of-year exams they will spend more time pursuing and reviewing their own personal reading.</p> <p>Where relevant, some pupils will continue to work towards pre-test assessments and consolidate their understanding of points of grammar, spelling and sentence structure.</p>	<p>Year 6 pupils are set, differentiation occurring within the classroom with Set 1 extending and Set 2 reinforcing the topics as required. This term the pupils in Year 6 will be revisiting and extending the following topics:</p> <p>Place Value: The pupils will rehearse rounding a number, both whole numbers and decimals.</p> <p>Properties of number: They will study square and square roots, sequences and predicting terms. They will add and multiply odd and even numbers and solve real-life problems using addition and subtraction. They will use estimates and inverse operations to check their calculations.</p> <p>Multiplication/Division: They will multiply decimals by a whole number both mentally and using standard written methods. They will divide decimals using standard written methods and divide with remainders as fractions and decimals. They will find equivalent fractions, decimals and percentages and find simple percentage using mental strategies.</p> <p>Data: They will construct and interpret a range of graphs and charts and answer problems relating to averages</p>	<p>The pupils will be focusing on Biology topics this term.</p> <p>Cells: The pupils will study cells and prepare slides of animal and plant cells and learn how to use the microscope to view them.</p> <p>Plants: They will consider the organs of plants and how they are adapted for their jobs. They will be introduced to the process of photosynthesis and use the starch test to show that it has occurred. They will review the life cycle of flowering plants.</p> <p>Human reproduction: The pupils will study human reproduction covering, puberty, fertilisation and the development of the baby. (More details of this unit will be sent out in a school mailing).</p>

	<p>Measuring and shape: They will continue to rotate, translate and reflect shapes and will find area and perimeter of rectangles, compound shapes and triangles.</p> <p>Ratio/proportion: They will be introduced to these concepts and how they relate to each other.</p> <p>Probability: They will learn to express probability as a fraction between 0 and 1.</p> <p>Algebra: They will be introduced to the basic rules of algebra.</p> <p>Sequences: They will identify and be able to continue common sequences (primes, squares, cubes, triangular, Fibonacci).</p>	
Geography	History	Religious Education (RE)
<p>This term the pupils will study the following topics which are part of the senior years Geography syllabus:</p> <p>Glaciation: They will study basic formation patterns and the unique landforms created.</p> <p>Development (World and UK): The pupils will study patterns of world trade and debt, including the debt cycle and the work of NGO and charities. They will also look at regional differences in development in the UK.</p> <p>Environmental issues: They will study issues connected to air, land and water; why they are vital; and how they are being destroyed and depleted by human actions.</p>	<p>This term the pupils will be studying the causes and effects of the Viking invasions in 9th and 10th Century England. They will then study how English kings, such as Athelstan and Aethelred the Unready responded with varying success to the Viking occupation. In the second half of term they will study the events of the last Saxon kings, such as Edward the Confessor, leading up to the Viking and Norman invasions in 1066.</p>	<p>This term, Year 6 pupils will continue with their study of Islam by learning about the origins and significance to Muslims of The Qur'an. They also look at the role of a mosque within the lives of Muslims. They will learn the correct Islamic words to describe the key features of a mosque and compare and contrast a mosque with other places of worship. After half term, pupils explore more philosophical topics in preparation for the curriculum that they will encounter in Years 7 and 8.</p>
French	Latin	Core Skills
<p>This term the pupils will learn more complex vocabulary to describe a typical school day. They will begin to learn how to conjugate regular -er verbs. They will learn vocabulary related to clothes and colour and be taught how nouns and adjectives in French have to agree. They will also learn vocabulary for actions and items in a bathroom; food and meals; and the weather. There will be an end of module test in the second half of term.</p>	<p>This term Year 6 pupils will continue their study of Latin language and culture in the Roman Empire. A particular emphasis this term is placed on pupils consolidating their understanding of the present, perfect and imperfect verb tenses and on the nominative and accusative noun cases. This term pupils are also introduced to the accusative plural form of nouns, and to superlative adjectives. In their ongoing study of the historical background to the texts that they study, pupils will also learn about Roman beliefs about life and death and about gladiatorial combat.</p>	<p>In the first half of term the pupils will be planning strategies for writing fiction, revising creative writing techniques and targeting ways to improve their writing in timed pieces. There will also be opportunities to hone exam techniques and study skills.</p> <p>In the second half term work will be based on the work of Michael Morpurgo's 'I believe in Unicorns'. The pupils will explore themes and style of writing as well as analysing how he creates atmosphere, character and imagery. In the non-fiction part of the unit they will examine the explanation text 'How does a story become a graphic novel?' and write their own explanation text based on this theme.</p>
Art	Craft, Design Technology (CDT)	Music & Drama
<p>Pupils will learn the Art of botanical representation, through observation, reportage, mixed media and printmaking.</p> <p>Each pupil will look to the artist Georgia O'keefe for inspiration, studying her richly textured oversized paintings of enlarged flower sections to inform their own work using magnified examples.</p> <p>Working in line pupils will magnify botanical specimens onto paper. They will work from life and capture colour using watercolours.</p> <p>Finally pupils will work from a collaborative still life to create a painting based on that of Bonnard and use other impressionist still life flora and fauna on board in a material of their choosing.</p>	<p>The pupils in Year 6 will study the following topics:</p> <p>Woodwork: Following a visit from the 3D problem solving company.</p> <p>Architecture Workshop: The pupils work in groups to build and then row a giant longboat. They will design and make a balsa wood model of a Viking ship. Other woodwork projects include some curve stitching and they will use the Stika cutter and power tools to make a door sign.</p> <p>Thermoplastics: The pupils will create a hanging wind mobile by cutting, heating and twisting brightly coloured acrylic.</p> <p>Textiles: They will also complete a simple project joining fabric using the sewing machine.</p>	<p>In Music the pupils in Year 6 will study the following topics:</p> <p>Music for film: They will appreciate how music is composed for different film genres. They will improve their understanding of the following musical elements and devices: pitch, dynamics, tempo, duration, timbre, texture, instrumentation, articulation, rhythm and melody. They will compose and perform music for a cartoon strip.</p> <p>Latin American Music: They will listen to and perform music from Latin America, practising simple chords on guitar/ukelele and learning to accompany a variety of songs including 'La Bamba'.</p> <p>Vocal Work: They will rehearse for the summer concert, singing numbers from the musical 'CATS' by Andrew Lloyd Webber.</p>
Games	Physical Education (PE)	Swimming
<p>The pupils will learn to play hard ball cricket, although some pupils will also continue to develop their skills in Kwik. They will consolidate and further develop their skills in the following areas:</p>	<p>This term the pupils will develop their skills in the following sports:</p>	<p>This term the pupils in Year 6 will recap the four major strokes. They will practise racing in relays as well as individual and medley races. They will be assessed on their survival skills.</p>

<p>Batting: They will learn to distinguish between and play leg and offside shots, forward and back-foot attacking and defensive shots. They will learn to run effectively between the wickets.</p> <p>Bowling: They will be introduced to spin and seam bowling and work on bowling at a consistent length. They will be coached on how to refine their bowling action.</p> <p>Fielding skills: They will be taught the different fielding positions and the principles of throwing, catching, ground fielding, run-outs and wicket-keeping.</p> <p>Pupils will have the opportunity to participate in House and inter-school matches. Coaches will follow the ECB Coaching Initiative.</p>	<p>Athletics: They will be coached in and have the opportunity to practise different track and field disciplines. Times and distances will be recorded for evaluation purposes.</p>	
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