

## Curriculum Overview Autumn Term Year 5

Year 5	Core Subjects		
	English	Maths	Science
	<p><b><u>Theme: Fantasy lands and creatures</u></b>  <b><u>Writing- Create</u></b>            Narrative- Setting description, A <i>futuristic land</i>            Narrative- Setting description, A <i>dragon's lair</i>            Non- Chronological reports- A <i>mythical creature</i>            Instructions and Explanation- <i>How to look after a goblin</i>            Narrative- Character description- <i>Spider wick chronicles</i>            Narrative- Broken, <i>A story of love, evil and loss</i> (Writing Day focus)</p> <p><b><u>Reading- Skills</u></b>            Predict            Retrieval            Inference            Vocabulary            Summarise            Compare and contrast            Using evidence            Fact and opinion            Explain</p> <p><b><u>PAG- Knowledge</u></b>            Word classes (Year 4 recap)            Comma use            Expanded noun phrases            Synonyms            Phrases/ Clauses</p>	<p><b><u>Number and Place Value</u></b>            Read, write, order and compare numbers to at least 1 000 000.            Interpret negative numbers in context.            Round numbers to the nearest 10,100, 1000.            Read Roman numerals to 1000.</p> <p><b><u>Addition and Subtraction</u></b>            Add and subtract whole numbers with more than four digits using column method.            Solve problems.</p> <p><b><u>Multiplication &amp; Division</u></b>            Recognise and use square numbers and cube numbers.            Identify multiples and factors, including finding all factor pairs of a number.            Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.</p> <p>Multiply numbers up to 4 digits by a one- or two-digit number.            Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders.            Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</p>	<p><b><u>Working Scientifically Investigation</u></b></p> <p>Through the context of a parachute extended investigation, pupils will develop key knowledge about scientific experiments and develop key scientific skills (disciplinary knowledge); safety, planning experiments, recording data, analysing data, conclusions and evaluating experiments.</p> <p><b><u>Materials and their properties/changes in materials</u></b></p> <ul style="list-style-type: none"> <li>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</li> <li>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</li> <li>know that some materials will dissolve in liquid to form a solution</li> </ul>

	Conjunctions Punctuation for parenthesis Colons Paragraphs Hyphens Fronted adverbials	Solve problems involving multiplication and division.  <b>FDRP</b> Compare and order fractions whose denominators are all multiples of the same number. Convert between mixed numbers and improper fractions. Understand equivalent fractions.	and describe how to recover a substance from a solution.				
<b>Year 5</b>	<b>Foundation Subjects</b>						
	<b>History</b>	<b>Geography</b>	<b>Art and Design</b>	<b>Music</b>	<b>PE</b>	<b>Computing</b>	<b>Design Technology</b>
	<b>Mayan Civilization on c.AD 900</b>	<b>Maps and Mapping</b>	<b>Awareness of Great Artists/ Doodle drawing</b>	<b>Play and perform in solo and ensemble contexts</b>	<b>Invasion games Netball Net and wall games Table Tennis OAA Swimming</b>	<b>Computer networks including the internet and computer programming</b>	<b>Small scale bird hide</b>
	<u>Knowledge</u> Mayan Civilization Inc. Religion, myth and art.	<u>Knowledge</u> Location OS maps Longitude/ Latitude Prime Meridian Tropic of Cancer/Capricorn	<u>Knowledge</u> Study the work of Jon Burgerman	<u>Knowledge</u> Appreciate and understand a wide range of recorded music (genres)  Great musicians	<u>Knowledge</u> Importance of warming up and cooling down.  How to apply key technical skills, tactics and rules of each sport.	<u>Knowledge</u> Passwords and Usernames Word PowerPoint <b>Kodu</b>	<u>Knowledge</u> Analyse examples of bird hides  Work from a design brief  Use technical vocabulary  Construct from a range of mediums

		Time zones					Evaluate a product
<u>Skills</u> Chronology  Interpretation  Analysis	<u>Skills</u> Using 4 figure and 6 figure grid reference  Compass points  Locate the Equator, Prime Meridian and Tropics of Cancer/Capricorn on a world map.  Locate a range of countries around the world on a map  Locate UK counties on a map	<u>Skills</u> Tonal shading  Observational drawing  Control a range of materials	<u>Skills</u> Singing in Unison  Singing in cannon  Melody  Performance  Control and expression	<u>Skills</u> Netball Chest and bounce pass Footwork and pivoting Creating space: Drive/ Dodge/ Feints Chest and bounce pass lesson 2 Marking and defending Shooting Gameplay, rules  OAA Basic problem solving and communication Problem solving, trust and teamwork Basic leadership skills Basic map orientation, use of a key and identifying features Navigation of a route using a map	<u>Skills</u> Sending and receiving email.  Sharing documents  Coding a computer program	<u>Skills</u> Cutting skills  Folding skills  Securing skills	

					Table Tennis Ready position, shake-hand grip and ball familiarisation Serve Forehand Push Backhand Push Forehand Push Backhand Push		
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Year 5	Foreign Languages		
	Pupils will develop their knowledge of where China is and some key facts about the country. Key knowledge: <ul style="list-style-type: none"> <li>• Greetings</li> <li>• Introductions</li> <li>• Numbers</li> </ul>		

Year 5	Personal Development		
	<b>RE</b>	<b>PSHE and Citizenship</b>	<b>RSE</b>
	<b>Christianity</b>	<b>British Values and Mental Wellbeing</b>	Safeguarding (assemblies and tutor time)
	<u>Knowledge</u> Core Christian belief  Christian Celebrations  Christian ceremonies	<u>Knowledge</u> What are British Values Mutual respect Discrimination Bullying Diversity Taking care of our mental wellbeing	<u>Knowledge</u> Who can we go to with concerns at GPA? Managing situations safely Physical health Mental health

		Supporting ourselves and others	
	<u>Skills</u> Comparing and contrasting world religions Evaluating	<u>Skills</u> Oracy – debate and presentation Tolerance and respecting others	<u>Skills</u> Confidence How to keep mind and body healthy

## Curriculum Overview Spring Term Year 5

Year 5	Core Subjects		
	English	Maths	Science
	<u>Theme: Classic Novels</u> <u>Writing- Create</u> Recount/Diary- <i>Of a Street Child</i> Poetry - <i>London Streets</i> Persuasive letter- <i>Bernado's</i> Narrative- Sherlock Holmes  <u>Reading- Skills</u> Predict Summarise Retrieval Vocabulary Sequence Cause and Effect Explain and evidence Inference/ impression	<u>FDRP</u> Understand the meaning of percentages Add and subtract fractions with the same denominator and denominators that are multiples of the same number Multiply proper fractions and mixed numbers by whole numbers. Recognise and use tenths and thousandths. Round decimals with two decimal places to the nearest whole number and to one decimal place.  <u>Measurement</u> Convert between different units of metric measure Understand and use approximate equivalences between metric units and common imperial units.	<u>Materials and their properties/changes in materials</u> <ul style="list-style-type: none"> <li>demonstrate that dissolving, mixing and changes of state are reversible changes</li> <li>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</li> <li>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</li> </ul>

	<p><b><u>PAG- Knowledge</u></b>          First Person          Verb tenses          Modal verbs          Conjunctions          Synonyms and antonyms          Figurative language          Apostrophes          Sentence Types          Direct Speech          Dialogue          Formal and Informal</p>	<p>Calculate the perimeter of composite rectilinear shapes.          Calculate and compare the area of rectangles and estimate irregular shapes.          Estimate volume</p> <p><b><u>Geometry Properties</u></b>          Identify 2-D and 3-D shapes.          Estimate and compare acute, obtuse, and reflex angles.          Draw given angles and measure them in degrees.          Identify angles at a point and on a straight line.</p>	<p><b><u>Forces in motion</u></b></p> <ul style="list-style-type: none"> <li>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</li> <li>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> <li>recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</li> </ul>
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Year 5	Foundation Subjects						
History	Geography	Art and Design	Music	PE	Computing	Design Technology	
<b>The Roman Empire, its army and the impact on Britain</b>	<b>Physical Geography - Rainforests</b>	Doodle drawing (until Feb half term)  Pop Art	<b>Notation Ukulele</b>	<b>Invasion Game Handball</b>  <b>Aesthetics Activity Dance</b>	<b>Using technology safely and responsibly</b>  <b>Video creating and editing: Persuasive Adverts</b>	Chinese Stir Fry (food technology project)	
<u>Knowledge</u> How did the Romans live? Democracy Features of a Roman town	<u>Knowledge</u> Key features of a South American Rainforest  Biomes Weather and climate.	<u>Knowledge</u> Pop art movement style  Key artists	<u>Knowledge</u> Use and understand staff and other musical notations  Key workings of a ukulele	<u>Knowledge</u> How to apply key technical skills, tactics and rules of each sport.	<u>Knowledge</u> Recognising acceptable and unacceptable behaviours.  Understanding how to keep	<u>Knowledge</u> Food hygiene  Food groups  Eating well	

<p>The Roman Army The Empire Boudica - resistance</p> <p>What did the Romans do for us?</p>	<p>Identify the position and location of the equator and Tropics of Cancer and Capricorn and be able to explain why Rainforests grow in these regions</p>			<p><b>Key principles of Dance Skills and Choreography development.</b></p>	<p>personal details safe online.</p> <p>Understanding of the various methods of reporting concerns.</p>	<p>Symbols on packaging</p>
<p><u>Skills</u> Using primary and secondary sources</p> <p>Comparing Roman civilization with the Maya</p> <p>Evaluating the impact, the Romans had on Britain</p>	<p><u>Skills</u> Locate the main rainforests of the world using a map, Atlas and Google Earth</p> <p>Make comparisons between the UK and the Rainforest environment.</p>	<p><u>Skills</u> Mixing and applying colour</p> <p>Printing techniques</p>	<p><u>Skills</u> Identifying notes and reading from sheet music</p> <p>Playing a range of songs on the ukulele</p>	<p><u>Skills</u> Handball Shoulder pass, bounce pass and catching Footwork, pivoting and dribbling Creating space: Drive/Dodge Dribbling, shielding, guarding and contact rules Shooting – standing shoulder shot Gameplay, strategies and rules</p> <p>Dance</p> <p>Flexibility</p>	<p><u>Skills</u> Using a range of websites that can offer help and support with online concerns.</p> <p>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><u>Skills</u> Meal planning</p> <p>Food preparation</p>

					<p>-Unison and Cannon Identifying Rhythm and counts of music</p> <p>6 basic actions of dance: <b>Basic examples of the actions below from teacher led choreography</b></p> <p>-Rise and Fall (levels) -Still -Gesture -Turn -Travel</p> <p>Perform using a range of movement patterns within these concepts</p>		
Year 5	Foreign Languages						
	<p>Pupils will develop their knowledge of the Chinese culture of caring for the young and respecting the old.</p> <p>Key knowledge</p> <ul style="list-style-type: none"> <li>• Explaining ages - pupils will be able to explain their age and ask other how old they are.</li> <li>• Understand the subject-verb structure in Mandarin and apply this to describe likes and dislikes.</li> <li>• Pupils will learn about Chinese New Year and its significance in Chinese culture.</li> </ul>						



	<ul style="list-style-type: none"> <li>Animals</li> <li>Family members e.g. sister/father</li> </ul>		
Year 5	Personal Development		
	<b>RE</b>	<b>PSHE and Citizenship</b>	<b>RSE</b>
	<b>Sikhism</b>	<b>British Values</b>	<b>Staying Safe</b>
	<u>Knowledge</u> The origin of Sikhism The core beliefs The ten Gurus The 5 K's	<u>Knowledge</u> Democracy Democracy in action Benefits of living in a democracy	<u>Knowledge</u> Privacy and personal boundaries Acceptable and unacceptable contact Permission seeking and giving Personal safety
	<u>Skills</u> To compare elements of Sikhism with previous studied religions, draw similarities and differences.	<u>Skills</u> Debate	<u>Skills</u> Applying the knowledge in practice to keep ourselves safe in everyday life

## Curriculum Overview Summer Term Year 5

Year 5	Core Subjects		
	<b>English</b>	<b>Maths</b>	<b>Science</b>
	<b><u>Theme: Our amazing Earth</u></b> <b><u>Writing- Create</u></b> Biography – David Attenborough Film narrative- First person News report- San Andreas earthquake Narrative poetry – Rainforest / Mountain	<b><u>Geometry Position</u></b> Identify, describe, and represent the position of a shape following a reflection or translation  <b><u>Statistics</u></b> Solve comparison, sum, and difference problems using information presented in a line graph.	<b><u>Earth and space</u></b> <ul style="list-style-type: none"> <li>describe the movement of the Earth and other planets relative to the sun in the solar system</li> <li>describe the movement of the moon relative to the Earth</li> </ul>

	<p>Narrative- First person, present tense</p> <p><b><u>Reading- Skills</u></b>          Retrieval - true and false          Inference          Fact and opinion          Justify and clarify          Vocabulary          Retrieval - consolidation          Inference</p> <p><b><u>PAG- Knowledge</u></b>          Third Person          Dialogue- Recap          Relative clause          Pronouns          ellipses          Reported speech</p>	<p>Complete, read and interpret information in tables, including timetables.</p>	<ul style="list-style-type: none"> <li>describe the sun, Earth and moon as approximately spherical bodies</li> <li>use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</li> </ul> <p><b><u>Living things and their habitats/Animals including humans</u></b></p> <ul style="list-style-type: none"> <li>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</li> <li>describe the life process of reproduction in some plants and animals</li> <li>describe the changes as humans develop to old age</li> </ul>
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Year 5	Foundation Subjects						
	History	Geography	Art and Design	Music	PE	Computing	Design Technology
	<b>Anglo-Saxon's invasions, settlements and Kingdoms</b>	<b>Rivers</b>	Pop Art	<b>Develop an understanding of the history of music</b>	<b>Athletics</b> <b>Striking and fielding</b> <b>Cricket</b> <b>Rounders</b>	<b>Computer Software-Publisher</b>  <b>Multimedia-Podcasts</b>	Mechanical Systems- Gears and Pulleys
	<u>Knowledge</u>  Anglo Saxon invasion	<u>Knowledge</u> Identify key physical features (rivers) of UK	<u>Knowledge</u> Pop art movement style	<u>Knowledge</u> African Drums	<u>Knowledge</u>  Understand the basic techniques	<u>Knowledge</u> Select, use and combine a variety of software	<u>Knowledge</u> How gears and pulleys work.

<p>What did an Anglo Saxon settlement look like?</p> <p>Anglo Saxon religion (Christian conversion)</p> <p>Anglo Saxon law and order</p> <p>Viking raids and invasion</p>	<p>cities and regions such as rivers and how many have developed over time making links to the historical growth of towns and cities.</p> <p>Local study - River Tyne</p>	<p>Colour Wheel- complementary contrasting</p>	<p>Djemba Drums and their origin. Developing knowledge of the history of music</p>	<p>in a range of athletics Events.</p> <p>How to apply key technical skills, tactics and rules of each sport.</p>	<p>(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>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p>	<p>How electrical circuits work (Science link).</p>
<p><u>Skills</u> Evaluation</p> <p>Source analysis Interpretations</p> <p>Make justifications</p>	<p><u>Skills</u> Describe how rivers are formed</p> <p>Use key geographical terminology</p>	<p><u>Skills</u> Portraiture</p> <p>Observational drawing</p>	<p><u>Skills</u> Rhythm</p> <p>Performance</p> <p>Composing</p>	<p><u>Skills</u></p> <p>Throw 1 – shot put – side on static stance (soft shot put)</p> <p>Throw 2 – Javelin – side on static stance (howler javelin)</p>	<p><u>Skills</u></p> <p>Add and manipulate text boxes and text.</p> <p>Add and manipulate images.</p>	<p><u>Skills</u> Combining materials to create a small wooden car which moves, using gear and pulley systems.</p>

	<p>Prioritise a range of information</p>				<p>Throw 3 – Discus – side on static stance (soft discus) Sprint start – standing and drive phase Sprint 1 – 50 and 100m 'Middle distance' - 400m 'Long distance' - 800m or 1500 m Relay – baton grip and carry Jump 1 – long jump Jump 2 – triple jump Throwing (underarm) and catching low Throwing (overarm) and catching high Fielding – two handed pick up and long barrier Batting - straight drive and stance Attacking strategies – hitting into space Defensive strategies –</p>	<p>Use internet searches safely.</p> <p>Record, edit and manipulate audio.</p>	
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					approaching the ball Bowling – under and over arm (static) Gameplay, strategies and rules application		
Year 5	Foreign Languages						
	Pupils will develop their appreciation of Chinese customs and superstitions  Key knowledge <ul style="list-style-type: none"> <li>• Review of verbs.</li> <li>• Describe a range of colours.</li> <li>• Combining colour with body parts knowledge e.g. Brown eyes.</li> <li>• Months of the year.</li> </ul>						
Year 5	Personal Development						
	<b>RE</b>		<b>PSHE and Citizenship</b>			<b>RSE</b>	
	<b>Hinduism</b>		<b>Substances</b>			<b>Friendships (assemblies) Body changes (nurse led session)</b>	
	<u>Knowledge</u>  What is the best way for a Hindu to show commitment to God? Does the belief in Karma help a Hindu to lead a good life?		<u>Knowledge</u> Drugs common to every day life Risks and effects of alcohol, vaping and smoking Rules and laws			<u>Knowledge</u> Importance of friendships Healthy and unhealthy friendships Consent - my body my choice Body changes - Workshop delivered by the school health team	

	<u>Skills</u> Respect for different cultures and religions	<u>Skills</u> Managing personal information safely How to keep money safe	<u>Skills</u> Confidence to identify situations that require consent
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