

# KS3 Curriculum Overview 2024-25

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		Autumn Term	Spring term			Summer Term	
<b>Form Time (All Years)</b>		Some aspects of PSHE – all forms discuss a resource or source evidence once a week. The topics are different every half term e.g. safety and risk, mental health, British Values and citizenship Form Activity – Monday Morpheme (Etymology), Guided Reading, Assembly/Collective Worship, Keeping Safe, Mental Health or Equality and Diversity					
<b>Year 7</b>	<b>RE</b>	Creation and Covenant	Prophecy and Promise	Galilee to Jerusalem	Desert to Garden	To the Ends of the Earth	Dialogue and Encounter
	<b>English</b>	Who am I?	Escape from Kraznir - fantasy writing.	Poetry - Experiences of childhood and identity	Journeys of Discovery: Travel Writing.	Shakespeare: The Tempest	Whole novel: Coraline
	<b>Science (on rotation)</b>	Introduction to science and working scientifically.  Particle model, Speed, Gravity,	Cells Movement Universe	Human reproduction Separating mixtures Energy costs Energy transfers	Acids and alkalis Light Sound	Variation Metals and non-metals Potential difference and resistance current	Earth structure Interdependence Plant reproduction

	<b>Food Technology</b>	Hygiene and Safety rules, washing up, enzymic browning and the Eatwell Guide. Food practical's	Healthy lunch box ideas, versatility of pasta, oven and hob safety, sensory descriptive words and pizza design ideas. Food practical's	The importance of breakfast as part of a healthy balanced diet, nutrients and food provenance. Food practical's	Food provenance, food miles, food waste and packaging. Food practical's	Seasonality of fruit and vegetables including organic and fairtrade. Food practical's	Menu planning, writing a recipe, food and farming to include egg production. Food practical's
	<b>Design and Technology</b>	<u>Working with wood</u> (Theory and Block Bot project)	<u>Working with wood</u> (Theory and Block Bot project)  <u>Designing by hand and CAD</u> (Isometric and rendering and 2D Design ruler)	<u>Designing by hand and CAD</u> (Isometric and rendering / 2D design ruler)	<u>Working with plastic</u> (Materials theory / Key job project / Environment)	<u>Working with plastic</u> (Materials theory / Key job project / Environment)  <u>Mechanical systems</u> (Levers and systems / linkages and structures)	<u>Mechanical systems</u> (Materials theory / Key job project / Environment)
	<b>Maths</b>	Place Value, rounding and estimation Properties of number	Arithmetic Procedures Expressions and Equations	Plotting Coordinates Perimeter and Area	Arithmetic procedures including fractions Understanding	Understanding multiplicative relations: ratios and fractions	Transformations
	<b>History</b>	What is History?	Anglo-Saxons Norman Conquest	Life in the Middle Ages	Life in the Middle Ages	Life in the Middle Ages	Life in the Middle Ages

	<b>Geography</b>	What is a Geographer?	Map skills	Weather and climate	Biomes and people	UK landscapes	Glacial landscapes
	<b>Spanish</b>	My life	Free time	School	My family and friends	My town and city	Assessment and grammar
	<b>Computing</b>	Using our computer systems E-safety Computational Thinking	Transition unit – developing confidence in using Office applications	Networks	Programming with Scratch	Safe searching Creative commons licensing Using Sway	Using media Developing an on-line presentation
	<b>Music</b>	Keyboard and vocal skills Basic notation	Ensemble skills Singing in 3-parts Notation recap Paired keyboard keyboard work	Just Play-unit one ensemble whole class skills	Tonality Major and Minor keys Beatles Eleanor Rigby-Modal 2 hands in pairs Singing in parts	Orchestra Peter and the Wolf Listening and appraising Motif Composing a motif Pentatonic scale	Chromaticism Beethoven
	<b>Art</b>	Drawing Skills – Formal Elements	Drawing Skills – Still Life Composition	Colour Theory Painting	Contemporary Art Yinka Shonibare Pattern	Tim Burton Illustration	Antony Gormley Ceramics
	<b>PE</b>	Standards and Expectations	Making and applying decisions	Analyse and evaluation	Groupwork and leadership	Informed healthy lifestyles	Completion on skill

		Football and netball (team) Dance	Touch Rugby Basketball Handball	Fitness Badminton	Orienteering (OOA) Volleyball Table tennis	Athletics Striking and fielding	Tennis Striking and fielding
	<b>PSHE</b>	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy
<b>Year 8</b>	<b>RE</b>	Creation and Covenant	Prophecy and Promise	Galilee to Jerusalem	Desert to Garden	To the ends of the earth	Dialogue and Encounter
	<b>English</b>	Conflict Poetry	The Art of Rhetoric	Surviving Society: Dystopian fiction	Whole text: Animal Farm	Surviving the Wild	Whole text: The Strange Case of Dr. Jekyll and Mr. Hyde
	<b>Science (on rotation)</b>	Working scientifically Photosynthesis, respiration, elements,	Contact forces, pressure, climate, earth resources.	Evolution, inheritance, types of reaction, chemical energy.	Magnetism, electromagnets, work, heating and cooling, periodic table	Periodic table, digestion, wave effects, wave properties, breathing.	Breathing, micro-organisms. Working scientifically
	<b>Food Technology</b>	Hygiene and safety  Food practical's	Cooking methods and Healthy eating  Food practical's	Macro nutrients, Eight dietary guidelines and nutrients. Food practical's	Importance of Macronutrients and diet related conditions. Food practical's	Importance of Micronutrients and Don't skip breakfast. Cereal taste testing and nutritional analysis. Food practical's	Functions of ingredients and Scone investigation using different flours. Food practical's

	<b>Design and Technology</b>	<u>Working with composites</u> (Materials theory / Desk tidy project)	<u>Working with composites</u> (Materials theory / Desk tidy project) <u>Designing for others</u> (Rendering and isometric / 2D Design keyring / smart materials / Big Life Fix)	<u>Designing for others</u> (Rendering and isometric / 2D Design keyring / smart materials / Big Life Fix)	<u>Energy and electronics</u> (Emerging technology / energy and the environment – renewables)	<u>Energy and electronics</u> (Emerging technology / energy and the environment – renewables)  <u>Structural Systems</u> (Structural systems / linkages – CAMs and Followers)	<u>Structural Systems</u> (Structural systems / linkages – CAMs and Followers)
	<b>Maths</b>	Ratio and Scale Multiplicative change Multiplying and dividing fractions	Working in the cartesian plane Collecting and representing data Tables	Brackets, equations and inequalities Sequences Indices	Fractions and percentages Standard form Number sense	Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and reflection	The data handling cycle Measures of location
	<b>History</b>	Tudors	Tudors and Stuarts	The French Revolution	The French Revolution	Native Americans	Empire and Slavery
	<b>Geography</b>	Urbanisation	Development	Natural Resources	Sustainability	Rivers	Local field study
	<b>Spanish</b>	My town and city	My holidays	Technology	Food and drink	Arranging to go out	Assessment and grammar

	<b>Computing</b>	Computational Thinking Computer Systems	Online Safety Physical Computing – using Micro:bits	3D Modelling – using TinkerCad	Image Handling - Using photoshop	Spreadsheets and data modelling	Vector Graphics
	<b>Music</b>	Chords Hey Jude Whole class vocal Paired keyboard 3 note chords Compose own 4 chord sequence Arpeggio	Music for Atmosphere Danse Macabre (Saint-Saens) Composition - own spooky story	Just play Unit 2	Bass clef notation In The Hall Of The Mountain King (Greig) Keyboard skills left hand work	Reggae syncopation Bob Marley Composition	Cubase introduction
	<b>Art</b>	Drawing Skills - Portraiture	Drawing Skills - Portraiture	Cartoons and caricature	David Hockney Artist Research Skills	David Hockney Landscape Painting	David Hockney Landscape Painting
	<b>PE</b>	Standards and Expectations	Making and applying decisions	Analyse and evaluation	Groupwork and leadership	Informed healthy lifestyles	Completion on skill
		Football and netball Dance	Touch Rugby basketball Handball	Fitness Badminton	Orienteering Volleyball Table tennis	Athletics Cricket and rounders	Tennis Cricket and rounders
<b>PSHE</b>	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy	
<b>Ye</b>	<b>RE</b>	Creation/ Stewardship/ Laudato Si	Dignity of the Human Person	Dignity of the Human Person/ Relationships	Judaism / Beliefs	Judaism/ Practices	Judaism - Festivals

	<b>English</b>	Shakespeare: The Merchant of Venice	Whole text: Of Mice and Men	Voices from the margins of society (Non-Fiction)	Whole text: Lord of the Flies	Romanticism poetry	Blood Brothers
	<b>Science</b>	Biology Cell biology Chemistry – Atomic structure and the periodic table. Physics -Energy and energy resources.	Biology Cell biology Chemistry-Atomic structure and the periodic table. Physics -Energy and energy resources.	Biology Cell biology Chemistry- bonding structure and the properties of matter. Physics -Energy and energy resources.	Biology- Organisation Chemistry- bonding structure and the properties of matter.  Physics -Energy and energy resources.	Biology- Organisation Chemistry- bonding structure and the properties of matter.  Physics particles at work – radioactivity,	Biology- Organisation Chemistry- bonding structure and the properties of matter. Physics particles at work – radioactivity. Space.

	<p style="text-align: center;"><b>Food Technology</b></p>	<p>Hygiene and safety 4 Cs of food safety and bacteria Foods practical's</p>	<p>Bacteria and pathogens, food safety and storage, High risk foods and Food practical's</p>	<p>Food commodities, Eating for good health, 8 dietary guidelines, Functions and deficiencies of Macronutrients. Food practical's</p>	<p>Functions and deficiencies of Macronutrients. Food investigation using different sugars when making biscuits.</p>	<p>The science behind bread making. Understanding food labels. Creating and designing a nutritional label for custard creams using a computer nutritional program and constructing an informative food packaging box displaying all information required by law. Food practical's</p>	<p>Food intolerances, special diets, and factors that influence food choice including religion.</p> <p>Multicultural food practical based on learners on choice through research, to include a detailed time plan. Taste testing and comparison against branded and non- branded foods.</p> <p>Food practical's</p>
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	<b>Design and Technology</b>	<u>Working with mixed materials</u> (Design tidy / phone stand / joinery project / materials theory)	<u>Working with mixed materials</u> (Design tidy / phone stand / joinery project / materials theory)  <u>Designing for the built environment</u> (Sustainability and environment / Designer case studies / Isometric design / CAD project)	<u>Designing for the built environment</u> (Sustainability and environment / Designer case studies / Isometric design / CAD project)	<u>Industry and enterprise</u> (Emerging technology)	<u>Industry and enterprise</u> (Emerging technology)  <u>STEM</u> (Systems / gears and linkages / STEM project)	<u>STEM</u> (Systems / gears and linkages / STEM project)
	<b>Maths</b>	Straight line graphs Forming and solving Equations Testing conjectures	3d shapes Constructions and congruency	Numbers Using percentages Maths and money	Deduction Rotation and translation Pythagoras' Theorem	Enlargement and similarity Ratio and Proportion Rates	Probability Algebraic Representations
	<b>History</b>	Industrial Revolution	Industrial Revolution	Crime and Punishment	First World War	The Treaty of Versailles Second World War	Second World War Holocaust
	<b>Geography</b>	Tectonic hazards	Are disasters natural?	Asia	Developing world regions	Coasts	Decision Making Exercises
	<b>MFL-Spanish</b>	Free time activities	Jobs and future plans	Health and fitness	Rights and environment	Getting to know the capital	Assessment and grammar

	<b>Computing</b>	Cyber Security Computational Thinking	3D project	Sextortion Introduction to Python Programming	Creating Apps for mobile devices	IDEA Bronze and Silver Award	
	<b>Music</b>	Sequencing and remix 1 Pachelbel's Canon Baroque era	Sequencing remix 2 Time Lapse (Nyman)	Just Play Unit 3	Composing a Pop Song	Improvisation skills – Take 5	Just Play Unit 4
	<b>Art</b>	Drawing Skills – Architecture and perspective	Our Town – Collage and surrealism	You Are What You Eat - Observational Studies Wayne Theibaud Printing	You Are What You Eat - Sculpture Claes Oldenburg	Words and Art Typography	Words and Art Typography
	<b>PE</b>	Standards and Expectations	Making and applying decisions	Analyse and evaluation	Groupwork and leadership	Informed healthy lifestyles	Completion on skill
		Netball/football	Handball basketball Table tennis	Fitness Badminton	Orienteering Volleyball	Athletics Rounders and cricket	Tennis Softball and cricket
<b>PSHE</b>	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy	