

KS3 Curriculum Overview 2024-25

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		Autumn Term	Spring term		Summer Term		
Form Time (All Years)		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					
Year 7	RE	Creation and Covenant	Prophecy and Promise	Galilee to Jerusalem	Desert to Garden	To the Ends of the Earth	Dialogue and Encounter
	English	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
	Science (on rotation)	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

	Food Technology	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
	Design and Technology	<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)
	Maths	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
	History	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

	Geography	What is a Geographer?	Map skills	Weather and climate	Biomes and people	UK landscapes	Glacial landscapes
	Spanish	My life	Free time	School	My family and friends	My town and city	Assessment and grammar
	Computing	Using our computer systems Online Safety Computational Thinking	Using documents (developing confidence in using Office applications) Bebras (National Computational Thinking Challenge) Flow charts	Networks Flowol (Controlling real world systems)	Programming with Scratch Flowol	Programming with Scratch Animation Project	Using media Developing an on-line presentation Animation Project
	Music	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
	Art	Drawing Skills – Formal Elements	Drawing Skills – Still Life Composition	Colour Theory Painting	Contemporary Art Yinka Shonibare Pattern	Tim Burton Illustration	Antony Gormley Ceramics
	PE	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
	PSHE	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy
Year 8	RE	Creation and Covenant	Prophecy and Promise	Galilee to Jerusalem	Desert to Garden	To the ends of the earth	Dialogue and Encounter
	English	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
	Science (on rotation)	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
	Food Technology	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

	Design and Technology	<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)
	Maths	Estimating and rounding Sequences	Graphical representations of linear relationships	Solving Linear Equations	Understand Multiplicative relationships percentages and proportionality Statistical representations, measures and analysis	Perimeter, area and volume Geometrical properties: polygons	Constructions
	History	Tudors	Tudors and Stuarts	The French Revolution	The French Revolution	Native Americans	Empire and Slavery
	Geography	Urbanisation	Development	Natural Resources	Sustainability	Rivers	Local field study
	Spanish	My town and city	My holidays	Technology	Food and drink	Arranging to go out	Assessment and grammar

	Computing	Computational Thinking Computer Systems	Tinkercad (3D Modelling) The impact of Technology on Society	Data Representation Logic Gates	Python Programming (using Turingab and FarmBot) Spreadsheets	Physical Computing using Microbits Spreadsheets	Image Handling Online Safety (Digital Footprint and Online Identity)
	Music	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
	Art	Drawing Skills - Portraiture	Drawing Skills - Portraiture	Cartoons and caricature	David Hockney Artist Research Skills	David Hockney Landscape Painting	David Hockney Landscape Painting
	PE	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
PSHE	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy	

Year 9	RE	Creation/ Stewardship/ Laudato Si	Dignity of the Human Person	Dignity of the Human Person/ Relationships	Judaism / Beliefs	Judaism/ Practices	Judaism - Festivals
	English	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
	Science	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.

	Food Technology	Hygiene and safety 4 Cs of food safety and bacteria Foods practical's	Bacteria and pathogens, food safety and storage, High risk foods and Food practical's	Food commodities, Eating for good health, 8 dietary guidelines, Functions and deficiencies of Macronutrients. Food practical's	Functions and deficiencies of Macronutrients. Food investigation using different sugars when making biscuits.	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	Food intolerances, special diets, and factors that influence food choice including religion. 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. Food practical's
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	Design and Technology	<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)
	Maths	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
	History	Industrial Revolution	Industrial Revolution	Crime and Punishment	First World War	The Treaty of Versailles Second World War	Second World War Holocaust
	Geography	Tectonic hazards	Are disasters natural?	Asia	Developing world regions	Coasts	Decision Making Exercises
	MFL-Spanish	Free time activities	Jobs and future plans	Health and fitness	Rights and environment	Getting to know the capital	Assessment and grammar

	Computing	Cyber Security	3D Printing Group Project (using onShape)	Python Programming	Creating Apps for mobile devices	Practical Algorithms	Web Development
	Music	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
	Art	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
	PE	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
PSHE	RSHE	RSHE	Careers and Finance	Mental Health and Well-Being	Risk and Safety	Law and Democracy	