

KS3 CURRICULUM MAPS



Art & Design

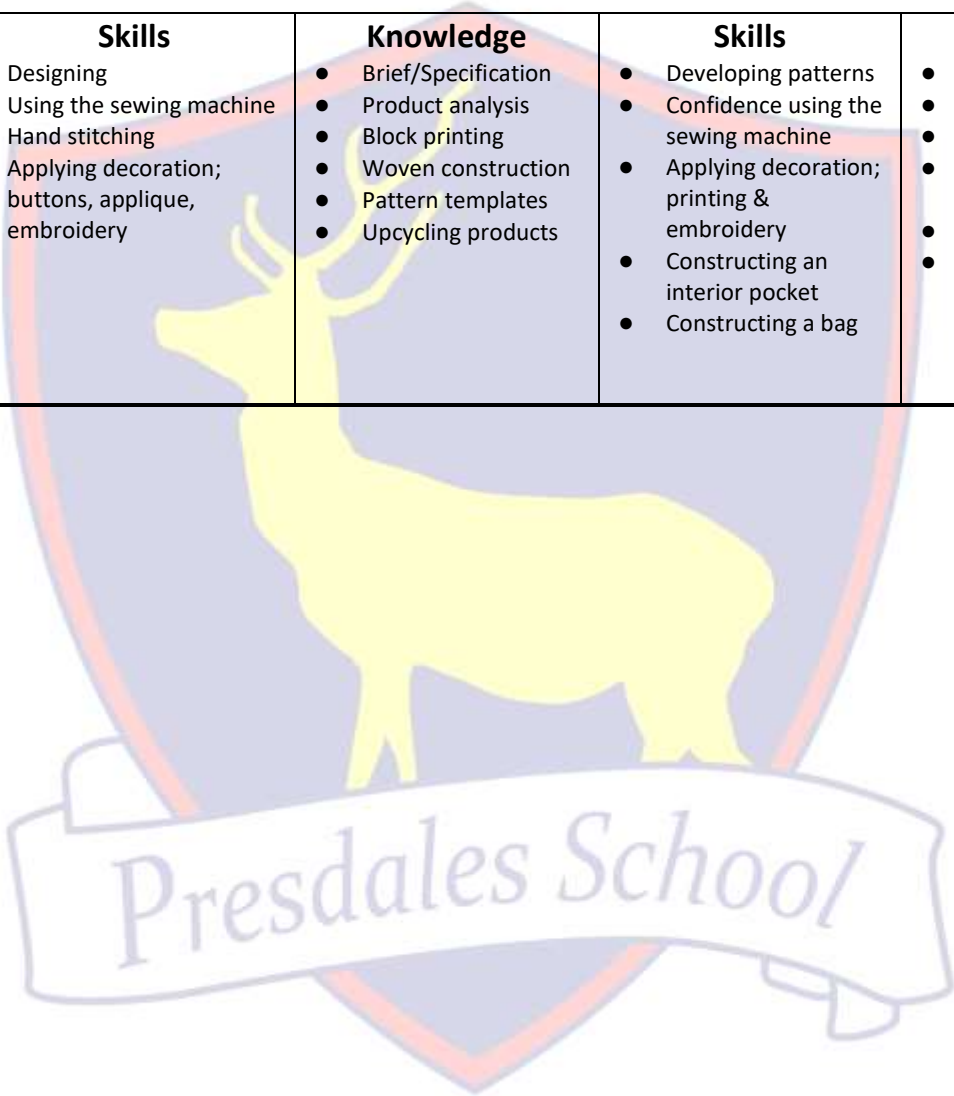
Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1</u> <ul style="list-style-type: none"> • Baseline test * • Pencil drawing course • Mark making • Tone and Texture 	<u>Spring 1</u> <ul style="list-style-type: none"> • Painting course • Colour theory • Colour mixing* • Brush control 	<u>Summer 1</u> <ul style="list-style-type: none"> • Developing Imagination • Studying architecture within cultures* • Printmaking
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Pen drawing course • Mark making, tone, texture • Artist Research* 	<u>Spring 2</u> <ul style="list-style-type: none"> • Op Art painting* • Studying Op Artists • Group presentations 	<u>Summer 2</u> <ul style="list-style-type: none"> • Drawing exam* • Experimenting with different media • Developing ideas for final outcome
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Paper cut outs- Papel Picado* • Researching Day of the Dead Festival • Experimentation with media 	<u>Spring 1</u> <ul style="list-style-type: none"> • Portraiture/Proportions • Tonal Pencil drawing • Self portrait observational drawing* 	<u>Summer 1</u> <ul style="list-style-type: none"> • Abstract Art • Study Abstract Artists including Kandinsky* • Synesthesia /responding to music/colour
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Designing Sugar Skulls • Sugar Skull 3-D* • Painting Sugar Skulls 	<u>Spring 2</u> <ul style="list-style-type: none"> • Calligram portraiture* • Research portrait artists • Mixed Media 	<u>Summer 2</u> <ul style="list-style-type: none"> • Observational drawings Musical instruments • Cubism • Drawing Exam*
9	<u>Autumn 1</u> <ul style="list-style-type: none"> • Mini GCSE: Observational drawings of natural forms* • Surrealist Artist research • Develop ideas for Surrealist Outcomes 	<u>Spring 1</u> <ul style="list-style-type: none"> • Introduction to photography • Rules of composition • Research photographers* 	<u>Summer 1</u> <ul style="list-style-type: none"> • Fantasy shoes linking to Surrealism • Observational show drawing* • Create 2D or 3D response
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Observational drawing- man made forms • Artist Research • Create a response combining natural and man made forms in Surrealist style* 	<u>Spring 2</u> <ul style="list-style-type: none"> • Exploring different genres of photography • Create outcomes as response • Digital presentation of work in a Look Book format* 	<u>Summer 2</u> <ul style="list-style-type: none"> • Drawing Exam* • Developing ideas from earlier in term • Create 2D or 3D Artwork

Computing

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1: Computer Basics</u> E-Safety Login on to the Presdales systems How to search safely online Baseline test and Multiple-choice test	<u>Spring 1: Computer Systems</u> Computer parts Memory: Primary and secondary Operating systems and software Multiple-choice test	<u>Summer 1: Networks and the Internet</u> Types of networks and topologies Network security threats and measures Multiple-choice test
	<u>Autumn 2: Collecting and Presenting Data</u> Microsoft office use including: Word, Excel, PowerPoint, and Publisher Written test	<u>Spring 2: SCRATCH Programming</u> How to use SCRATCH including: animation and game design Written test	<u>Summer 2: End or year test and SCRATCH</u> Written end of year test Game creation on SCRATCH
8	<u>Autumn 1: Data Representation</u> E-Safety Binary and logic Images and sound files Multiple-choice test	<u>Spring 1: Animation</u> Flipbooks Stop motion SCRATCH Multiple-choice test	<u>Summer 1: Pre-Production</u> Mood boards Mind maps Storyboards Multiple-choice test
	<u>Autumn 2: Python</u> How to use Python including: inputs, outputs, arithmetic operators Written test	<u>Spring 2: Algorithms</u> Computational thinking Flow diagrams Written test	<u>Summer 2: End of year test and Programming</u> Written end of year test Python programming challenges
9	<u>Autumn 1: Python</u> E-Safety Pseudocode If statements For loops	<u>Spring 1: Key Skills for Work and Life</u> Digital or Technical skills Professional emails Online banking Skill development	<u>Summer 1: Cryptography and revision</u> How to make a break codes using ciphers Revision
	<u>Autumn 2: Python</u> While loops Lists Written test	<u>Spring 2: GIMP (GNU Image Manipulation Program)</u> Superimposing images Colour manipulation Written test	<u>Summer 2: End of year test and Projects</u> Written end of year test Project work on Python, GIMP, Micro:bit or skills.

Design and Technology

	Year 7		Year 8		Year 9	
Food Preparation and Nutrition	Knowledge <ul style="list-style-type: none"> ● Kitchen hygiene ● Kitchen utensils ● Washing up ● Eatwell Guide ● Food science - enzymic browning, dextrinisation, heat transfer ● Adapting basic recipes ● Evaluating 	Skills <ul style="list-style-type: none"> ● Students will learn to make: ● Fruit fusion ● Cookies ● Pizza toasts ● Savoury rice ● Bread rolls ● Fruit/cheese scones ● Development practical 	Knowledge <ul style="list-style-type: none"> ● Bacterial contamination and growth ● Food science - plasticity, caramelisation, gelatinisation ● World cuisine - British ● Food provenance - sustainability ● Adapting basic recipes ● Evaluating 	Skills <ul style="list-style-type: none"> ● Students will learn to make: ● Vegetable soup ● Rock buns ● Mince 'meat' sauce ● Fruit crumble ● Macaroni cheese ● Upside down fruit cake ● Development practical 	Knowledge <ul style="list-style-type: none"> ● Analysing & evaluating ● Food science - coagulation, gelatinisation ● World cuisine - French ● Food choice ● Teen diets ● Adapting basic recipes ● Evaluating 	Skills <ul style="list-style-type: none"> ● Students will learn to make: ● Ratatouille ● Fruit galette ● Quiche ● Chilled cheesecake ● Sweet & sour ● Development practical
Product Design	Knowledge <ul style="list-style-type: none"> ● Brief/Specification ● Thermoforming & Thermosetting Plastics ● Sustainability ● Product Analysis ● Smart & Modern Materials ● Design Development ● Evaluation 	Skills <ul style="list-style-type: none"> ● Sketching ● Template/Model Making ● Cross & Draw Filing ● Quality Assurance ● Line Bending ● Forming/Shaping Plastic ● Testing/QC 	Knowledge <ul style="list-style-type: none"> ● Design Brief ● Soft & Hard Woods ● Sustainability ● Manufactured Boards ● Design Development ● Computer Aided Design (CAD) 2D Design ● Evaluation 	Skills <ul style="list-style-type: none"> ● Technical Drawing (Orthographic) ● Marking Out ● Cutting using hand tools ● Working with Wood ● Using 2D Design ● Computer Aided Manufacture (CAM) Laser Cutter 	Knowledge <ul style="list-style-type: none"> ● Graphical Communication ● How Technical Drawings are used in Industry ● Working with Paper and Boards ● Iterative Design ● CAD-TinkerCAD 	Skills <ul style="list-style-type: none"> ● Perspective ● Rendering ● Orthographic Projection ● Isometric ● Working with Paper ● Using CAD programme ● CAM-3D Printing

<p>Textiles</p>	<p>Knowledge</p> <ul style="list-style-type: none"> • Task analysis • H&S in children's toys • Knitted construction • E-Textiles • Pattern lay & templates • Design Development • Evaluation 	<p>Skills</p> <p>Designing</p> <p>Using the sewing machine</p> <p>Hand stitching</p> <p>Applying decoration; buttons, applique, embroidery</p>	<p>Knowledge</p> <ul style="list-style-type: none"> • Brief/Specification • Product analysis • Block printing • Woven construction • Pattern templates • Upcycling products 	<p>Skills</p> <ul style="list-style-type: none"> • Developing patterns • Confidence using the sewing machine • Applying decoration; printing & embroidery • Constructing an interior pocket • Constructing a bag 	<p>Knowledge</p> <ul style="list-style-type: none"> • Brief/Specification • Product analysis • Issues in fashion • Different types of seams and their uses • Fibres; Polyester • Testing & evaluation 	<p>Skills</p> <ul style="list-style-type: none"> • Designing fashion garments • Applying decoration; reverse applique & couching • Applying casings for elastic • Constructing hems • Applying patch pockets
						

Drama

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Introductory Unit Group work activities, basic skills and confidence focus. End of ½ term assessment.	<u>Spring 1</u> Pantomime Stylised Drama, engagement of audience through techniques. End of ½ term assessment.	<u>Summer 1</u> Page to Stage Scripted Drama, stage directions, communicating character. End of ½ term assessment.
	<u>Autumn 2</u> The Haunted Lift Responding to poetic stimulus, structuring narrative. End of ½ term assessment.	<u>Spring 2</u> Radio Play Vocal skills, soundscape, performance technology. End of ½ term assessment.	<u>Summer 2</u> Applying Semiotics Designing: Lighting, Sound, costume, props, set to communicate. End of ½ term assessment.
8	<u>Autumn 1 & 2</u> Devising Drama End of Term Assessment	<u>Spring 1 & 2</u> Presenting and Performing End of Term Assessment	<u>Summer 1 & 2</u> History of Theatre End of Term Assessment
	<u>Autumn 1 & 2</u> Responding to a range of drama stimulus, learning about key Theatre practitioners, contributing to a group creating and developing performance.	<u>Spring 1 & 2</u> A set text study focusing on central themes and issues of the play. Learning lines, directing scenes, Communicating character intention to audience.	<u>Summer 1 & 2</u> Greek to present day, styles and conventions of Drama, social & historical context, influential playwrights.
9	<u>Autumn 1 & 2</u> Devised Drama End of Term Assessment	<u>Spring 1 & 2</u> Presenting and Performing End of Term Assessment	<u>Summer 1 & 2</u> Performance Response End of Term Assessment
	<u>Autumn 1 & 2</u> Responding to a range of drama stimulus, learning about key Theatre practitioners, contributing to a group creating and developing performance.	<u>Spring 1 & 2</u> A set text study focusing on central themes and issues of the play. Learning lines, directing scenes, Communicating character intention to audience.	<u>Summer 1 & 2</u> Live theatre stream, text study, directing, Theatre review, Communicating through semiotics.

English

Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1</u> Introductory Unit: starting school and inspirational people extracts Introduction to Scholastic reading Letter of introduction to new teacher	<u>Spring 1</u> Shakespeare play: Macbeth Assessed questions on language and context	<u>Summer 1</u> Poetry Assessed piece exploring a poem.
	<u>Autumn 2</u> Novel: Coraline Assessed questions based on an extract	<u>Spring 2</u> Detective Fiction - reading extracts from detective novels. Creative writing - introduce your own detective.	<u>Summer 2</u> School exams - comprehension and creative writing, using skills taught and developed this year. Final unit: Fairy Tales on film
8	<u>Autumn 1</u> Novel: The Fox Girl and the White Gazelle Assessed piece writing about the book for a magazine.	<u>Spring 1</u> The Apprentice - persuasive writing through advertising and promoting strategies. Assessed pitch for a new product.	<u>Summer 1</u> Northern Lights - using the novel as inspiration for creative writing. Assessed creative piece imagining a new world.
	<u>Autumn 2</u> Shakespeare play: A Midsummer Night's Dream Assessed questions exploring relationships and context	<u>Spring 2</u> Poetry: Ballads Assessed questions exploring language and drama in ballads.	<u>Summer 2</u> School exams - comprehension and creative writing using skills taught and developed this year. Modern play: The Exam by Andy Hamilton
9	<u>Autumn 1</u> Shakespeare play: Much Ado About Nothing. Assessed persuasive article on why the play is still popular.	<u>Spring 1</u> Creative writing - short stories. Assessed short story.	<u>Summer 1</u> Modern novel Assessed analysis based on an extract.
	<u>Autumn 2</u> Poetry - traditional and modern poems, Assessed essay comparing two poems.	<u>Spring 2</u> The Power of the Media - exploring media through films and extracts from novels. Assessed persuasive letter.	<u>Summer 2</u> School exams - comprehension and persuasive writing using skills taught and developed this year. Final unit: Women in 19th Century novels.

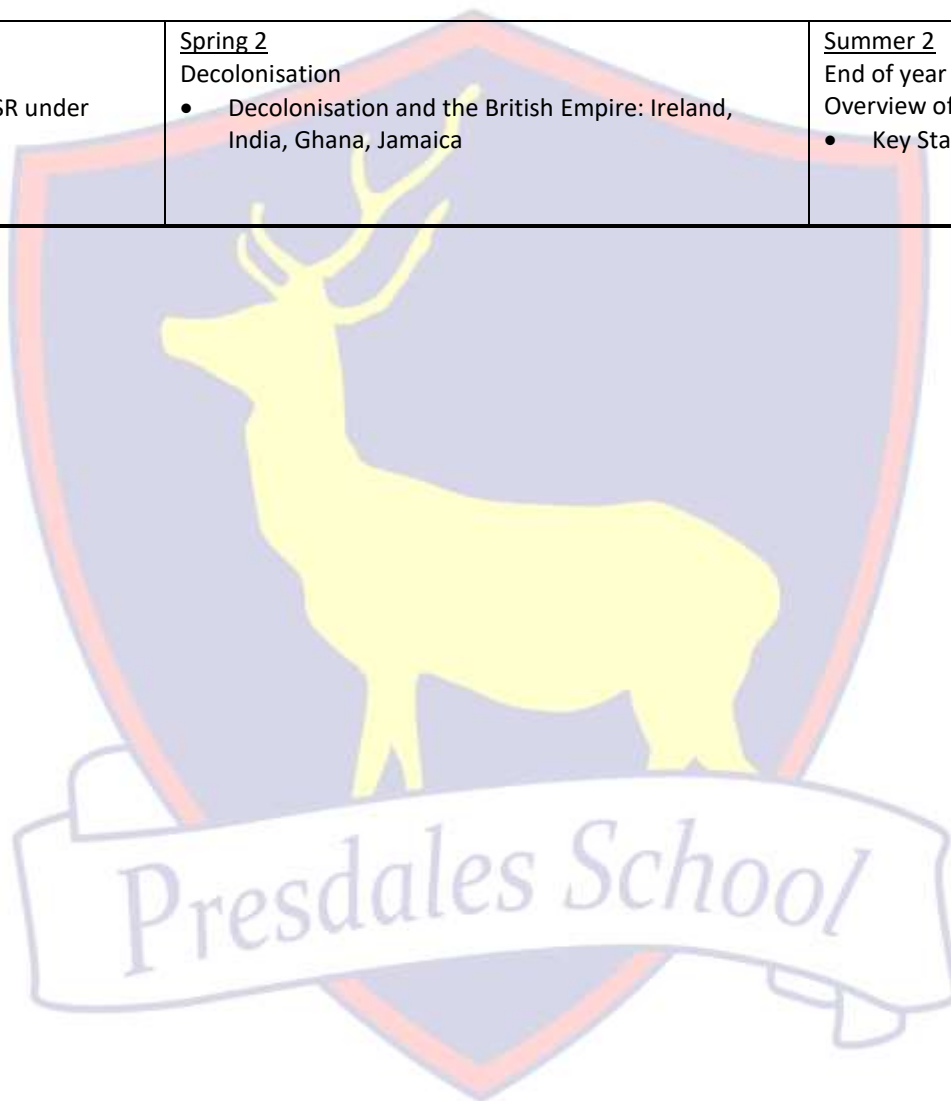
Geography

Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1</u> <ul style="list-style-type: none"> • Baseline test * • What is Geography? • Japan - The physical geography. Natural Hazards - including typhoons and earthquakes 	<u>Spring 1</u> <ul style="list-style-type: none"> • Antarctica • Spring term assessment 	<u>Summer 1</u> <ul style="list-style-type: none"> • Map skills - mastering skills through use of local Ordnance Survey map to include; direction, symbols, distance, height and four and six-figure grid references
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Japan - The human geography • Autumn Term Assessment 	<u>Spring 2</u> <ul style="list-style-type: none"> • Weather and climate • Microclimate fieldwork in grounds 	<u>Summer 2</u> <ul style="list-style-type: none"> • Preparing for assessment - end of year examination • The physical landscape of the UK - Coasts
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Ecosystems • Tropical Rainforests 	<u>Spring 1</u> <ul style="list-style-type: none"> • The Global Fashion Industry • Spring Term Assessment 	<u>Summer 1</u> <ul style="list-style-type: none"> • Coral Reefs • Coral Reef presentations
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Assessment • Rainforest friendly Christmas 	<u>Spring 2</u> <ul style="list-style-type: none"> • Climate change 	<u>Summer 2</u> <ul style="list-style-type: none"> • End of Year Examination • Sustainability
9	<u>Autumn 1</u> <ul style="list-style-type: none"> • Development • Focus on Ghana - LIC case study 	<u>Spring 1</u> <ul style="list-style-type: none"> • Plate tectonics 	<u>Summer 1</u> <ul style="list-style-type: none"> • Unit 1 of GCSE • The Living World
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Development continued • Autumn term assessment 	<u>Spring 2</u> <ul style="list-style-type: none"> • Focus on earthquakes • Spring term assessment 	<u>Summer 2</u> <ul style="list-style-type: none"> • Living World continued • End of Year Examination

History

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Connected world: <ul style="list-style-type: none"> • Migration: the British Isles up to 1000 • Constantinople: connecting east and west • Baghdad: a connected city • St Foy of Conques: Western Europe c.300-1100 • Meanwhile, elsewhere... Song Dynasty China 	<u>Spring 1</u> Contested power, contested land <ul style="list-style-type: none"> • The Byzantine Empire and the first Crusade • Power, authority and kingship in medieval Europe • Meanwhile, elsewhere... Melisende of Jerusalem Mid-year exam	<u>Summer 1</u> Empires <ul style="list-style-type: none"> • The medieval British Isles • The Hundred Years' War and parliament Stability and instability <ul style="list-style-type: none"> • The 'Great Transition' of the 14th century: climate change, plague and society
	<u>Autumn 2</u> Contested power, contested land <ul style="list-style-type: none"> • Conflict and the creation of England in the 10th and 11th centuries • The Norman Conquest • Meanwhile, elsewhere... global Vikings • Meanwhile, elsewhere... Norman Sicily 	<u>Spring 2</u> Empires <ul style="list-style-type: none"> • Mongol Empire • Meanwhile, elsewhere... the Third and Fourth Crusades • Mansa Musa and the empire of Mali 	<u>Summer 2</u> Stability and instability <ul style="list-style-type: none"> • Migration and medieval towns End of year exam Inca Empire
8	<u>Autumn 1</u> Revolutions <ul style="list-style-type: none"> • 1492, the gold trade and Spanish and Portuguese expansion • The printing press, heresy, humanism and the Reformation • Religious change in England in the 16th century 	<u>Spring 1</u> Revolutions and empires <ul style="list-style-type: none"> • Revolutions in Britain after 1649 • The British Empire, British America and the transatlantic slave trade Mid-year exam	<u>Summer 1</u> Impact and legacy of empire <ul style="list-style-type: none"> • The East India Company and India • Victorian Britain and the British Empire
	<u>Autumn 2</u> Empires <ul style="list-style-type: none"> • England and the wider world in the reign of Elizabeth I • Charles I, his three kingdoms, civil war and regicide • Meanwhile, elsewhere... Mughal Empire 	<u>Spring 2</u> <ul style="list-style-type: none"> • Age of Revolutions: America, France, Haiti and West Africa • The British Empire and the industrial revolution 	<u>Summer 2</u> End of year exam Political change in Britain in the 19 th century, and campaigns for women's suffrage
9	<u>Autumn 1</u> Global conflict <ul style="list-style-type: none"> • The First World War • The origins and causes of the First World War • The interwar period and rise of European dictatorship 	<u>Spring 1</u> Totalitarian regimes and genocide <ul style="list-style-type: none"> • The Holocaust • Genocide in the 20th century Mid-year exam	<u>Summer 1</u> Post-war society in Britain <ul style="list-style-type: none"> • The USA and President Kennedy

<p><u>Autumn 2</u> Totalitarian regimes and genocide</p> <ul style="list-style-type: none">• The Russian Revolution and the USSR under Stalin's rule <p>Global conflict</p> <ul style="list-style-type: none">• The Second World War	<p><u>Spring 2</u> Decolonisation</p> <ul style="list-style-type: none">• Decolonisation and the British Empire: Ireland, India, Ghana, Jamaica	<p><u>Summer 2</u> End of year exam Overview of the twentieth century</p> <ul style="list-style-type: none">• Key Stage Three History conclusion
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Mathematics

Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1: Number and algebra</u> <ul style="list-style-type: none"> ● Factors, multiples and primes ● Negative numbers ● Multiplication and division ● Squares, roots and powers ● Simplifying algebraic expressions ● Writing expressions and formulae ● Brackets and powers ● Factorising expressions 	<u>Spring 1: Multiplicative reasoning, perimeter and area</u> <ul style="list-style-type: none"> ● Ratio notation ● Sharing in a given ratio ● Proportion ● Unitary method ● Triangles and parallelograms ● Trapeziums ● Compound shapes 	<u>Summer 1: Equations, sequences and transformations</u> <ul style="list-style-type: none"> ● Solving one step and two step equations ● Forming equations in geometry ● Sequences and patterns ● The nth term rule ● Reflection ● Translation ● Rotation
	<u>Autumn 2: Fractions, angles and shapes</u> <ul style="list-style-type: none"> ● Adding and subtracting fractions ● Fractions, decimals and percentages ● Multiplying and dividing fractions ● Working with mixed numbers ● Angles and parallel lines ● Triangles and quadrilaterals ● Polygons 	<u>Spring 2: 3D shapes and decimals</u> <ul style="list-style-type: none"> ● Properties of 3D solids ● Surface area ● Volume ● Ordering and rounding decimals ● Calculations with decimals ● Fractions, decimals and percentages 	<u>Summer 2: Graphs and data</u> <ul style="list-style-type: none"> ● Coordinates and line segments ● Horizontal and vertical lines ● Two way tables ● Averages and range ● Grouped data ● Pie charts
8	<u>Autumn 1</u> <ul style="list-style-type: none"> ● Whole Numbers, decimals, indices ● Units for measures, perimeter, area, volume ● Notation, substitution, indices, simplifying expressions, expanding and factorising, formulae ● Case Study: Energy in the Home 	<u>Spring 1</u> <ul style="list-style-type: none"> ● Written and Calculator Methods, Order of operations, problem solving ● Collecting and representing data ● Transformations 	<u>Summer 1</u> <ul style="list-style-type: none"> ● Constructions ● Probability ● Revision for school exams
	<u>Autumn 2</u> <ul style="list-style-type: none"> ● Fractions, decimals and percentages ● Angles and Shapes ● Graphs ● Case Study: Patchwork 	<u>Spring 2</u> <ul style="list-style-type: none"> ● Equations ● Ratio, proportion, linking to fractions and percentages ● Case Study: Food Crops 	<u>Summer 2</u> <ul style="list-style-type: none"> ● Sequences ● 3D shapes ● Case studies: Perspective, Free Range, "Every Day Maths"
	<u>Autumn 1</u> <ul style="list-style-type: none"> ● Number work ● Using algebra ● Congruency and construction ● Geometrical reasoning 	<u>Spring 1</u> <ul style="list-style-type: none"> ● Shape and space problems ● Sequences ● Rounding, estimating and error bounds ● Drawing and visualising 3D shapes 	<u>Summer 1</u> <ul style="list-style-type: none"> ● Trigonometry ● Simultaneous equations ● Revision for Summer exams

9 H	<ul style="list-style-type: none"> • Multiplying brackets 	<ul style="list-style-type: none"> • Percentage Change 	
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Data handling • Using fractions • Indices • Standard form • Applying mathematics • Scatter graphs • Trial and improvement 	<u>Spring 2</u> <ul style="list-style-type: none"> • Transformations, single & combined • Reading and interpreting charts and graphs • Area and volume • Collecting and interpreting data • Applying mathematics in context 	<u>Summer 2</u> <ul style="list-style-type: none"> • Further trigonometry work • Review of $y=mx+c$ • Forming and solving linear equations and inequalities • Rearranging harder formulae • Quadratics graphing • Factorising and solving quadratics
9 C	<u>Autumn 1</u> <ul style="list-style-type: none"> • Written calculations • Using Algebra • Geometrical reasoning • Fractions • Index laws 	<u>Spring 1</u> <ul style="list-style-type: none"> • Drawing graphs and $y=mx+c$ • Area • Transformations • Charts and graphs • Drawing and visualising 3D shapes 	<u>Summer 1</u> <ul style="list-style-type: none"> • Pythagoras' theorem • Simultaneous equations • Revision for summer exams
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Scatter graphs • Using a calculator • Construction & Scale drawing • Solving equations • Estimating • Functional maths 	<u>Spring 2</u> <ul style="list-style-type: none"> • Percentages • Finding a rule • Averages and range • Ratio and map scales • Locus 	<u>Summer 2</u> <ul style="list-style-type: none"> • Double brackets • Factorising quadratic equations • Graphs of quadratic equations • Inequalities • Solving quadratic equations
9 S	<u>Autumn 1</u> <ul style="list-style-type: none"> • Sequences and nth term • Real-life graphs • Straight lines • Fractions, decimals and percentages • Rounding • Percentage increase and decrease • Mixed number work 	<u>Spring 1</u> <ul style="list-style-type: none"> • Co-ordinates and mid-point of line • Metric Measures • Area and volume • Number skills • 3D drawing • Plans and elevations 	<u>Summer 1</u> <ul style="list-style-type: none"> • Transformations • Ratio and scale drawings • Revision for summer exams
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Ratio and unitary method • Angle calculations • Parallel and perpendicular lines • Triangles and quadrilaterals 	<u>Spring 2</u> <ul style="list-style-type: none"> • Collecting terms and brackets • Substitution in expressions & equations • Creating and Solving equations • Statistical diagrams 	<u>Summer 2</u> <ul style="list-style-type: none"> • Scale drawings and design • Bearings • Circles • Investigating quadratic graphs

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| | <ul style="list-style-type: none">• Circles• Constructions• Statistical graphs and data handling | <ul style="list-style-type: none">• Probability | |
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MODERN FOREIGN LANGUAGES

French

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Personal information, physical appearance, favourite objects End of topic assessment	<u>Spring 1</u> School, home and animals. End of topic assessment	<u>Summer 1</u> Local area, directions, meeting out. End of Year exam
	<u>Autumn 2</u> Personality, family, school subjects, friends End of topic assessment	<u>Spring 2</u> Food, eating out, quantities, recipes End of topic assessment	<u>Summer 2</u> Lifestyle (clothes, weather, activities) End of topic assessment
8	<u>Autumn 1</u> Holidays (usual, preferred, ideal and past) End of topic assessment	<u>Spring 1</u> Daily life and routines. Issues in French Speaking countries End of topic assessment	<u>Summer 1</u> Entertainment and advertising: TV, music, film and books End of Year Exam.
	<u>Autumn 2</u> Sport and leisure, body and injuries, sports personalities and events. End of topic assessment	<u>Spring 2</u> Comparing France to Britain. Learning about France's culture. End of topic assessment	<u>Summer 2</u> Technology: social media, risks and advantages of technology. End of topic assessment
9	<u>Autumn 1</u> Teenagers and relationships, pocket money and pressures. End of topic assessment	<u>Spring 1</u> Parties and festivals End of topic assessment	<u>Summer 1</u> Home: describe rooms and ideal home End of Year Exam.
	<u>Autumn 2</u> A balanced diet: Healthy eating and lifestyles and good resolutions. End of topic assessment	<u>Spring 2</u> Transport and Holidays End of topic assessment	<u>Summer 2</u> Jobs and ambitions: qualities needed, ideal jobs, success and failure. End of topic assessment

German

Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1</u> Introductions, countries and nationalities, dates and birthdays. End of topic assessment	<u>Spring 1</u> School, school routine in Germany, personality, time. Hundertwasser art. End of topic assessment	<u>Summer 1</u> Where I live, the weather, my house. Food and drink in Germany. End of Year exam
	<u>Autumn 2</u> Family, animals and pets, numbers, colours. Christmas in Germany. Present tense. End of topic assessment	<u>Spring 2</u> Free time activities, likes and dislikes, how often you do these activities. Future Tense. End of topic assessment	<u>Summer 2</u> Eating out, buying an ice cream, clothing End of topic assessment
8	<u>Autumn 1</u> Introductions, countries and nationalities, dates and birthdays. End of topic assessment	<u>Spring 1</u> School, school routine in Germany, personality, time. Hundertwasser art. End of topic assessment	<u>Summer 1</u> Where I live, the weather, my house. Food and drink in Germany. End of Year Exam.
	<u>Autumn 2</u> Family, animals and pets, numbers, colours. Christmas in Germany. Present tense. End of topic assessment	<u>Spring 2</u> Free time activities, likes and dislikes, how often you do these activities. Future Tense. End of topic assessment	<u>Summer 2</u> Eating out, buying an ice cream, clothing End of topic assessment
9	<u>Autumn 1</u> Holiday destinations, means of travel, accommodation and duration. Perfect tense. End of topic assessment	<u>Spring 1</u> Daily routine, time (24 hour clock), festivals in Germany speaking countries, organising a party. End of topic assessment	<u>Summer 1</u> Healthy lifestyle End of Year Exam.
	<u>Autumn 2</u> Description of appearance and personality, relationships and helping at home End of topic assessment	<u>Spring 2</u> Hobbies, parts of the body and illnesses, healthy lifestyle End of topic assessment	<u>Summer 2</u> Media –TV, film, music and books End of topic assessment

Italian

Year	Autumn Term*	Spring Term*	Summer Term*
7	<p><u>Autumn 1</u></p> <p>Context greetings and establishing the basics</p> <p>Grammar chiamarsi (1st, 2nd, 3rd person singular)</p> <p>Phonics basic pronunciation overview (alphabet) vowels [ch]</p> <p>Vocabulary classroom language spelling your name numbers days of the week birthday colours</p>	<p><u>Spring 1</u></p> <p>Context Who is Befana? talking about family saying where people are from</p> <p>Grammar avere (1st, 2nd and 3rd person singular) indefinite article (consolidation) essere revisit singular adjectival agreements with essere introduce plural adjectival agreements</p> <p>Phonics silent h e.g. ho, hai, ha</p> <p>Vocabulary family members nationalities</p>	<p><u>Summer 1</u></p> <p>Context saying what people do <i>Key question - Cosa fai?</i></p> <p>Grammar present tense revisit and extend regular -are verbs introduce high-frequency irregular verbs (fare, andare)</p> <p>Phonics revisit 'e'</p> <p>Vocabulary high frequency -are verbs e.g. ballare, mangiare, portare, studiare revisit school subjects</p>
	<p><u>Autumn 2</u></p> <p>Context Saying what's in your pencil case and schoolbag Saying what subjects you study and when Sharing opinions on school subjects <i>Key question - Ti piace...?</i></p> <p>Grammar Nouns (singular and plural) Indefinite article Negatives mi piace / mi piacciono adjectival agreements</p> <p>Phonics ca/ce/ci/co/cu</p> <p>Vocabulary revisiting numbers revisiting days of the week there is / there are opinion phrases adjectives to justify opinions</p>	<p><u>Spring 2</u></p> <p>Context describing what people look like (hair, eyes, build, height) describing personality describing famous people</p> <p>Grammar revisit avere and essere extending use of verbs in third person singular introduction to regular -are verbs e.g. portare</p> <p>Phonics revisit [ch]</p> <p>Vocabulary revisiting birthdays, age</p>	<p><u>Summer 2</u></p> <p>Context Exam repairs Research the city of Rome</p> <p>Film: Lizzie McGuire</p> <p>Grammar As necessary after exam</p> <p>Phonics As necessary after exam</p> <p>Vocabulary As necessary after exam</p>

	<i>Grammar test</i>		
8	<u>Autumn 1</u> Context Talking about clothes – likes & dislikes Describing and giving opinion on school uniform What you wear to a party / favourite outfit Does it suit me? Why/why not? Grammar portare – consolidation of present tense – are verbs consolidation of mi piace/mi piacciono consolidation of plural and singular nouns and adjective agreements Demonstrative adjectives - <i>questo</i> etc Phonics ci/ce che/ghе (f. plural) Vocabulary Clothing, adjectives, colours Research an Italian brand – create bookmark	<u>Spring 1</u> Context Suggesting Invitations – asking if someone wants to do something. Suggesting time and place. Giving excuses, saying what you have to do (ie why you can't come). Grammar Key question – vuoi + infinitive Time using alle Modal verbs (focus on tu/io forms) Phonics Consolidation of phonics from Year 7 Vocabulary potere & volere & dovere Days of week / times Places to meet Conversational vocab – volentieri, certo etc Revisiting hobbies vocabulary from Autumn 2	<u>Summer 1</u> Context Talking about food – likes and dislikes, what you eat for meals, ordering food in a market/shop. Ordering a pizza in a pizzeria Grammar Revisiting mi piace/mi piacciono Mangiare revisiting -are verbs in present tense Revisiting singular and plural nouns Partitive article Phonics Revisiting 'gi', 'gli' & consolidation of phonics from Year 7 Vocabulary Food vocabulary Restaurant vocabulary
	<u>Autumn 2</u> Context Talking about hobbies – what you like doing and how often. Grammar Mi piace + infinitives Present tense verbs Adverbs of frequency Phonics Consolidation of phonics from Year 7 Vocabulary Infinitives of hobbies verbs Adverbs of frequency	<u>Spring 2</u> Context Talking about what you did last weekend Grammar Intro to past tense using familiar verbs with focus on io form (set 1 irregulars) Phonics Consolidation of phonics from Year 7 Vocabulary Revisiting hobbies vocabulary from Autumn 2	<u>Summer 2</u> Context Exam repairs Film: watching and reviewing Grammar As necessary after exam Phonics As necessary after exam Vocabulary As necessary after exam Film review vocabulary

	<p><u>Autumn 1</u> Context Talking about where you live in terms of town/country, describing the house (including type of house) & rooms. Saying what is in your bedroom, including where (eg. next to the bed is..) Grammar Revisiting c'è, ci sono Revisiting adjective agreements Revisiting noun genders and plurals Prepositions of place Abitare – revisiting present tense -are verbs Phonics Consolidation of phonics from Year 7 & 8 Vocabulary Places (eg in città) Type of house Rooms / Furniture Prepositions of place Revisiting colours</p>	<p><u>Spring 1</u> Context Practising being in a town - giving directions, ordering food in a bar & restaurant (in preparation for Rome trip). Finding out about Carnevale in February Grammar Revisiting prepositions of place Imperative Revisiting noun genders and plurals Phonics Consolidation of phonics from Year 7 & 8 and how to say 'euro' Vocabulary Revisiting places in town Verbs relating to directions Food and drink Revisiting numbers How to say prices Extra: Making Carnevale masks for display</p>	<p><u>Summer 1</u> Context Talking about future holiday plans Grammar Revisiting and building on future tense Phonics Consolidation of phonics from Year 7 & 8 Vocabulary revisiting and building on Holidays vocabulary</p>
9	<p><u>Autumn 2</u> Context Describing your town with adjectives and what is in the town. Saying where you would like to live in the future. Grammar Revisiting c'è, ci sono Revisiting prepositions of place Revisiting noun genders and plurals Vorrei + abitare Phonics Consolidation of phonics from Year 7 & 8 Vocabulary Places in town Adjectives to describe town</p>	<p><u>Spring 2</u> Context Holidays: revisit present tense to describe holiday habits and preferences Talking about a past holiday Finding out Pasqua coming up to Easter Grammar Revision of perfect tense Sono andata Phonics Consolidation of phonics from Year 7 & 8 Vocabulary Types of holiday Holiday preferences (+ revisit adjectives) Modes of transport Countries Holiday activities Weather</p>	<p><u>Summer 2</u> Context Exam repairs Italian film: La vita e' bella Grammar As necessary after exam Phonics As necessary after exam Vocabulary As necessary after exam Film review vocabulary Reviewing a film and talking about a favourite actor/actress. Grammar Ho visto / adjective agreements Phonics Consolidation of phonics from Year 7 & 8 Vocabulary Phrases and adjectives to describe films Adjectives to describe actors</p>

Russian

Year	Autumn Term*	Spring Term*	Summer Term*
7	<u>Autumn 1</u> The Cyrillic alphabet (handwritten), numbers 1-10, introductions, greetings Russia: facts and figures Kokoshniki History of the Cyrillic alphabet	<u>Spring 1</u> Classroom objects. Questions, requests and instructions for use in lessons My, your (inf.) Plurals and gender of nouns Spelling rule	<u>Summer 1</u> Saying how old you are. Family. Names, ages, opinions of other people. Numbers 20-100 Where I live: compass points, places in town Directions Giving reasons for opinions
	<u>Autumn 2</u> As above On-going peer assessment of alphabet acquisition. Vowels, stress Baba Yaga and Kochei Russian Christmas	<u>Spring 2</u> The Cyrillic alphabet :printed Foods and drinks Sports: giving opinions, using connectives Numbers 11-20 Shopping phrases Pets. I have, you have, etc. Wild animals of Russia The samovar	<u>Summer 2</u> Times and days of the week Transport. Where you go when and how you get there Colours Russian transport
8	<u>Autumn 1</u> The Cyrillic alphabet (handwritten), numbers, classroom language and items, introductions. Famous Russians On-going assessment of alphabet acquisition.	<u>Spring 1</u> My family, days, times, animals. Possession, the spelling rule. Patronymic names, Shrove week and Women's Day.	<u>Summer 1</u> Free time activities, likes and dislikes using infinitives. Personal pronouns and present tense group one verbs. End of Year Exam.

Presdales School

	<p><u>Autumn 2</u> The Cyrillic alphabet (handwritten continued and printed), expressing needs. Giving opinions on sports and foods. Gender of nouns, how to form plurals. New Year celebrations in Russia. End of topic assessment</p>	<p><u>Spring 2</u> Shopping in Russia. Describing the items one can buy. Easter in Russia. End of topic assessment</p>	<p><u>Summer 2</u> My area and transport options Future Tense. How Russians live, transport in Russia, Russian Dacha.</p>
9	<p><u>Autumn 1</u> Free time. More varied opinion verbs. Using the infinitive. Frequencies and more time phrases.</p>	<p><u>Spring 1</u> Months, seasons, ordinal numbers, dates Weather, present tense School: the school day, subjects and opinions After school activities- the compound future The Russian climate How Russian schools differ from ours</p>	<p><u>Summer 1</u> Past tense holidays (incl. weather) and plans for the summer End of Year Exam.</p>
	<p><u>Autumn 2</u> Free time: Conjugation 1 verbs. Using a verb table. Forming past tenses. Russian music.</p>	<p><u>Spring 2</u> Countries Holidays (destinations, accommodation, activities, transport), present tense The dacha</p>	<p><u>Summer 2</u> Media –TV, film 2nd conjugation verbs</p>



Spanish

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Greetings, classroom language, introducing yourself, the alphabet, phonics. End of topic assessment	<u>Spring 1</u> Pets, colours, describing people, countries & nationalities, present tense (ir)regular verbs. End of topic assessment	<u>Summer 1</u> Weather, hobbies, future tense. End of Year exam
	<u>Autumn 2</u> Numbers, ages, dates & birthdays, Spanish festivals, siblings, Christmas in Spain. End of topic assessment	<u>Spring 2</u> School subjects, opinions, telling the time, clothes/uniform. End of topic assessment	<u>Summer 2</u> Food, typical food in Spain, likes/dislikes, going to a restaurant. End of topic assessment
8	<u>Autumn 1</u> Greetings, classroom language, introducing yourself, the alphabet, phonics. End of topic assessment	<u>Spring 1</u> Pets, colours, describing people, countries & nationalities, present tense (ir)regular verbs. End of topic assessment	<u>Summer 1</u> Weather, hobbies, future tense. End of Year Exam.
	<u>Autumn 2</u> Numbers, ages, dates & birthdays, Spanish festivals, siblings, Christmas in Spain. End of topic assessment	<u>Spring 2</u> School subjects, opinions, telling the time, clothes/uniform. End of topic assessment	<u>Summer 2</u> Food, typical food in Spain, likes/dislikes, going to a restaurant. End of topic assessment
9	<u>Autumn 1</u> Using ser/estar, relationships with family & friends, meeting up with people. End of topic assessment	<u>Spring 1</u> Epiphany celebrations, New Year's Resolutions (future tense recap), daily routine, fashion, describing a picture. End of topic assessment	<u>Summer 1</u> Modes of transport, buying a train ticket, role plays, describing a picture. End of Year Exam.
	<u>Autumn 2</u> Preterite tense, holidays in the past, Christmas in Spain. End of topic assessment	<u>Spring 2</u> Imperfect tense, what you used to do/wear when younger, Easter/Semana Santa in Spain. End of topic assessment	<u>Summer 2</u> Research Project: The Hispanophone World, links with film project: <i>Valentín</i> End of topic assessment

Music

Year	September-November	November-February	February-May	May-July
7	<p>Repetitive Elements (10 weeks)</p> <ul style="list-style-type: none"> • Composing and Performance focus • End of Project Assessment 	<p>Keyboard and Logic Pro (10 weeks)</p> <ul style="list-style-type: none"> • Performance focus • End of Project Assessment 	<p>Ukulele and Singing (10 weeks)</p> <ul style="list-style-type: none"> • Performance focus • End of Project Assessment 	<p>Instruments of the Orchestra (10 weeks)</p> <ul style="list-style-type: none"> • Composing focus • End of Project Assessment
8	<p>African and Gamelan (10 weeks)</p> <ul style="list-style-type: none"> • Performance focus • End of Project Assessment 	<p>Blues and Jazz (10 weeks)</p> <ul style="list-style-type: none"> • Composing focus • End of Project Assessment 	<p>Reggae and Samba (10 weeks)</p> <ul style="list-style-type: none"> • Composing and Performance focus • End of Project Assessment 	<p>Minimalism (10 weeks)</p> <ul style="list-style-type: none"> • Composing focus • End of Project Assessment
9	<p>Film Music (10 weeks)</p> <ul style="list-style-type: none"> • Composing focus • End of Project Assessment 	<p>Musical Theatre (10 weeks)</p> <ul style="list-style-type: none"> • Performance focus • End of Project Assessment 	<p>Dance Music (10 weeks)</p> <ul style="list-style-type: none"> • Composing focus • End of Project Assessment 	<p>Presdales Rocks (10 weeks)</p> <ul style="list-style-type: none"> • Performance focus • End of Project Assessment

PRE

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Introduction to Philosophy: consideration of big questions. Exploration of the key facts of Christianity and sources of wisdom within the faith.	<u>Spring 1</u> A consideration of the question 'Where can God be found?' through exploring different facets of faith: holy books; buildings; communities; within; in nature etc	<u>Summer 1</u> A continuation of the study of Hinduism, looking at Hindu mythology, culture and ritual: artwork, deities, symbol, Ramayana,
	<u>Autumn 2</u> How do Christians and humanists answer the big question 'Why are we here?' and what impact does this have on their lives? How does it impact how they view the environment?	<u>Spring 2</u> Exploration of the question, 'What is God like?' through the faith of Hinduism: key beliefs about God, and life after death, and the impact of these beliefs.	<u>Summer 2</u> School exams Hindu expressions of the divine: Divali, puja and Hindu dance
8	<u>Autumn 1</u> Overview of world faiths; Introduction to ethics. What can we learn from religions about how to treat others? Buddhism - who was Siddhartha Gautama? What were the Four noble truths?	<u>Spring 1</u> A study of religions and worldviews in modern Britain. The Census; Is Britain a Christian Country? Debate arguments for and against.	<u>Summer 1</u> Why do people keep their faith in times of adversity? Islam - the life of Malala; what it is like under Taliban rule; how her faith sustains her
	<u>Autumn 2</u> What can we learn from religions about how to treat others? Judaism - Abraham; Moses; Ten Commandments. Christianity - the Parable of the Sheep and Goats	<u>Spring 2</u> What is it like being a part of a minority faith in Britain? Focus on Islam: headscarves and different approaches to wearing them. Should religious symbols be banned in public places? Sikhism: 5Ks.	<u>Summer 2</u> School exams Why do people keep their faith in times of adversity? The Holocaust; Anne Frank; comparison of her approach to faith and Malala's.
9	<u>Autumn 1</u> Ethics: Prejudice and Discrimination. The Civil Rights Movement. The Life of Martin Luther King Jr and his Christian beliefs. Biblical teachings on racism - is the Bible racist?	<u>Spring 1</u> Philosophy: Arguments for and Against the existence of God. Religious experience and how convincing it is as a source of faith	<u>Summer 1</u> What is life worth? A consideration of the value of animal life and human life. The teachings from a Christian, humanist and Hindu perspective.
	<u>Autumn 2</u> The Life of Malcolm X and his involvement in the Civil Rights movement. How his faith changed through his life and how Islam influenced him. A comparison of the two leaders. Is it right to strive for justice 'by any means' necessary?	<u>Spring 2</u> What is the purpose of life? from a Buddhist and humanist perspective. Four noble truths; Eightfold Path; Enlightenment.	<u>Summer 2</u> School exams Debate Animal testing - the arguments for and against, and how different worldviews respond to it.

Physical Education

Year	Autumn Term*	Spring Term*	Summer Term*
7	<p><u>Autumn 1</u></p> <p>Fitness</p> <ul style="list-style-type: none"> ● Circuit training ● Cone ranger ● Formula 1 ● Cardio cards ● Aerobics ● Interval training ● Fitness suite <p>Netball</p> <ul style="list-style-type: none"> ● Passing ● Footwork ● Dodging ● Defending ● Shooting ● Positioning ● Game play <p>Theory linked through practical: Identify the phases of a warm up and cool down.</p>	<p><u>Spring 1</u></p> <p>Dance (cheerleading)</p> <ul style="list-style-type: none"> ● Counting and arm actions ● Formations and pathways ● Canon and unison ● Jumps ● Adding gymnastics ● Performance skills ● Routine performance <p>Football</p> <ul style="list-style-type: none"> ● Dribbling ● Passing ● Possession ● Shooting ● Tackling ● Mini games <p>Theory linked through practical: Identify and locate major muscles</p>	<p>Athletics</p> <ul style="list-style-type: none"> ● Track ● Field <p>Swimming</p> <ul style="list-style-type: none"> ● Water confidence ● Backcrawl ● Front crawl ● Breaststroke ● Butterfly ● Water competence ● Synchronised swimming ● Fun swim <p>Rounders</p> <ul style="list-style-type: none"> ● Ball familiarisation ● Fielding ● Bowling ● Batting ● Batting placement ● Fielders role ● Game play/tactics <p>Theory linked through practical: The equations of anaerobic and aerobic exercise and understand the difference between the 2 using sporting examples. Theory linked through practical: Explain the components of a balanced diet and their role using food examples.</p>
	<p><u>Autumn 2</u></p> <p>Gymnastics (vaulting)</p> <ul style="list-style-type: none"> ● Springboard/trampette ● Squat vaults ● Straddle vaults ● Handspring flat back ● Rolls/long vaults ● Handspring development ● Performing routines <p>Hockey</p> <ul style="list-style-type: none"> ● Grip/dribbling ● Passing and receiving ● Modified games ● Passing and shooting ● Block tackle ● Modified game-focusing on group weaknesses <p>Theory linked through practical: Identify and locate major bones</p>	<p><u>Spring 2</u></p> <p>Basketball</p> <ul style="list-style-type: none"> ● Dribbling ● Passing and receiving ● Maintained possession ● Set shot ● Lay-up ● Game play <p>Orienteering</p> <ul style="list-style-type: none"> ● Orientation of a map ● Orientation of a school map ● Orientation of a school map ● Compass work ● Compass work around courts ● Compass work around school <p>Theory linked through practical: Identify the pathway of air</p>	

8	<p><u>Autumn 1</u></p> <p>Dance</p> <ul style="list-style-type: none"> ● Basic Bhangra moves ● Motif ● Develop motif (canon/unison) ● Develop relationships ● Develop formations ● Develop use of levels ● Performance skills <p>Netball</p> <ul style="list-style-type: none"> ● Recap passing/footwork ● Timing of pass ● Possession play/dodging ● Shooting ● Interceptions ● Positions ● Match play <p>Theory linked through practical: Justify the purpose of warm ups and cool downs.</p>	<p><u>Spring 1</u></p> <p>Fitness</p> <ul style="list-style-type: none"> ● Boxercise ● Circuit training ● 5 Guys 'Shake it off' ● HIIT ● Just dance ● Fitness suite/ dice fitness ● Burning off your roast dinner <p>Table Tennis</p> <ul style="list-style-type: none"> ● Grip and rallies ● Serving ● Backhand push ● Forehand push ● Backhand drive ● Forehand drive <p>Theory linked through practical: Explain the 3 different somatotypes and link to specific sports people.</p>	<p>Athletics</p> <ul style="list-style-type: none"> ● Track ● Field <p>Swimming</p> <ul style="list-style-type: none"> ● Water confidence ● Backcrawl ● Front crawl ● Breaststroke ● Butterfly ● Life saving ● Fun swim <p>Rounders</p> <ul style="list-style-type: none"> ● Ball familiarisation ● Fielding ● Bowling development ● Batting and ball placement ● fielders tactics ● Role of backstop ● Game play/ tactics <p>Theory linked through practical: Describe what EPOC (oxygen debt) is. Explain how to recover from vigorous exercise and why it's important. Explain the reasons needed for a balanced diet and maintaining hydrated.</p>
	<p><u>Autumn 2</u></p> <p>Badminton</p> <ul style="list-style-type: none"> ● Grip and rally ● Serve backhand/forehand ● Net shot ● Overhead clear ● Drop shot ● Singles game play <p>Hockey</p> <ul style="list-style-type: none"> ● Recap dribbling and passing ● Reverse stick V drag ● Block and jab tackle ● Shooting ● Attacking short corners ● Positioning formations ● Game play <p>Theory linked through practical: Describe the 5 functions of the skeletal system</p>	<p><u>Spring 2</u></p> <p>Gymnastics (Acro)</p> <ul style="list-style-type: none"> ● Individual balances ● Pair balances ● Trio balances ● Group balances ● Developing routine ● Performance of routines <p>Tag-Rugby</p> <ul style="list-style-type: none"> ● Passing backwards/ ball handling ● Scoring a try/ running forward ● Mini games ● Offside rule ● Kicking ● Game play <p>Theory linked through practical: Identify the structure of the heart</p>	

9	<p><u>Autumn 1</u></p> <p>Basketball</p> <ul style="list-style-type: none"> ● Recap dribbling and passing ● Lay up ● Triple threat/ faking ● Defence (man-to-man) ● Full court games ● Tournament <p>Netball</p> <ul style="list-style-type: none"> ● Match play ● Umpiring basics ● Channelling ● Attack and set plays ● Defensive set play ● Match play ● Tournament <p>Theory linked through practical: Identify the different joints</p>	<p><u>Spring 1</u></p> <p>Table Tennis</p> <ul style="list-style-type: none"> ● Recap serve ● Forehand/backhand push ● Forehand/backhand drive ● Spinning the ball ● Doubles play ● Scoring/game play <p>Fitness</p> <ul style="list-style-type: none"> ● Boxercise ● Tower climb circuits ● Clubbercise ● Yoga ● Domino's pizza fitness ● RHR, WHR and recovery ● Fitness tests <p>Theory linked through practical: Describe how antagonistic pairs of muscles create opposing movement at joints to allow physical activity</p>	<p>Athletics</p> <ul style="list-style-type: none"> ● Track ● Field <p>Swimming</p> <ul style="list-style-type: none"> ● Recap strokes ● Water polo ● Water volleyball ● Water aerobics ● Synchronised swimming ● Fun swim <p>Rounders</p> <ul style="list-style-type: none"> ● Ball familiarisation ● Fielding ● Bowling development ● Batting development ● Fielders tactics ● Decision making ● Game play/tactics
	<p><u>Autumn 2</u></p> <p>Football</p> <ul style="list-style-type: none"> ● Recap Passing ● Possession/Positioning ● Attacking play ● Defensive play ● Game play <p>Badminton</p> <ul style="list-style-type: none"> ● Recap grip and serve ● Recap net, overhead clear and drop shot ● Lift shot ● Smash ● Shot selection/ combinations ● Doubles play <p>Theory linked through practical: Explain what movement occurs at the joints.</p>	<p><u>Spring 2</u></p> <p>Volleyball</p> <ul style="list-style-type: none"> ● Volley ● Dig ● Serve ● Serve rotation ● 4 v 4 games ● Game play/ tactics <p>Handball</p> <ul style="list-style-type: none"> ● Dribbling and passing ● Dribbling with 3 step rule ● Maintaining possession ● Shooting ● Defending ● Game play/ tactics <p>Theory linked through practical: Explain the pathway of the blood.</p>	<p>Theory linked through practical: Explain how you can prevent injury - warm up, not over train, clothing and footwear, taping, hydration, stretching, correct techniques, rest etc.</p> <p>Explain the difference between short and long term effects of exercise on the body.</p>

Science

Year	Autumn Term*	Spring Term*	Summer Term*
7	<p>How Science Works Working in the science lab; practical skills; asking scientific questions and variables; drawing tables and evaluating data; analysing data.</p> <p>The following topics are taught in a rota within the term, after the How Science Works topic.</p> <p>Ecology Ecosystems; food chains and food webs; interdependence and food security; adaptations</p> <p>States of Matter Solids, liquids, and melting; gases and boiling; melting and boiling points; pure and impure substances; dissolving; chromatography; evaporation to separate; distillation; filtration; solubility; explaining evaporation</p> <p>Simple Circuits Introduction to circuits; current and voltage; making measurements in a series circuit; static electricity</p>	<p>The following topics are taught in a rota within the term.</p> <p>Cells and Organisation Using a microscope; plant and animal cells; specialised cells; unicellular organisms; diffusion; levels of organisation; the human skeleton; muscles; joint and movement; structures of lungs and breathing</p> <p>Elements and Compounds Elements; compounds; making compounds; trends in the Periodic Table</p> <p>Energy and Waves Energy stores and pathways; energy transfers and efficiency; introduction to waves; sound; light</p>	<p>The following topics are taught in a rota within the term.</p> <p>Dynamic Earth Rocks and minerals; inside Earth; making and breaking rocks; fossil fuels</p> <p>Forces and Motion Types of forces; Newton's laws; drag forces and friction; speed; distance-time graphs; mass and weight; gravity and the solar system</p> <p>After end-of-year exam; the following topic will be taught.</p> <p>Reproduction in Animals and Plants Reproductive systems and puberty; fertilisation and implantation; healthy pregnancy and birth; menstruation; plant reproduction; seed dispersal</p> <p>Heating Things Temperature; conduction; insulation; radiation</p>
	<p>Further How Science Works Working in the science lab; presenting data and evaluating sources of error; analysing and evaluating data</p> <p>The following topics are taught in a rota within the term, after the How Science Works topic.</p> <p>Health and Digestion Food and diet; a balanced diet; food tests; the digestive system; digestive enzymes; effect of temperature on amylase; bile and lipase</p> <p>Chemical reactions</p>	<p>The following topics are taught in a rota within the term.</p> <p>Photosynthesis and Respiration Photosynthesis; structure of plants; structure of plant roots; linking photosynthesis, breathing, and respiration; aerobic vs anaerobic respiration; effect of exercise</p> <p>Acids and Alkalis Acids and alkalis; indicators; pH; reactions of acids; neutralisation; acid rain</p> <p>Forces and Motion (advanced) Acceleration and speed-time graphs; drag and Newton's 3rd law; terminal velocity, Hooke's law; pressure; moments</p>	<p>The following topics are taught in a rota within the term.</p> <p>Energy in Reactions Exothermic and endothermic reactions; combustion; thermal decomposition</p> <p>Advanced Electricity Making measurements in parallel circuits; resistance in series; magnetic fields; electromagnets</p> <p>After end-of-year exam; the following topic will be taught.</p> <p>Particles in Action</p>

<p>8</p>	<p>Chemical and physical change; rearranging atoms; word and symbol equations; conservation of mass; reactions in solution; reactivity series; periodic patterns</p> <p>Looking and listening Reflection; seeing colours in white light; refraction; lens and the eye; ultrasound</p>		<p>Density, floating and sinking, convection, pressure in fluids</p> <p>Variation Variation, evolution by natural selection; artificial selection and food production; classification and biodiversity; extinction and conservation</p> <p>After end-of-year exam; the following topic will be taught.</p>
	<p><u>Autumn</u> <u>Teacher A GCSE Cell Biology</u> Advanced cell structure and specialism.</p> <p>Stem cells and cell differentiation.</p> <p>Microscopy.</p> <p>Mitosis and the cell cycle.</p> <p>Transport in cells via diffusion, osmosis or active transport</p>	<p><u>Spring</u> <u>Teacher A GCSE Infection and Response</u></p> <p>Communicable diseases and how viruses, bacterial, fungal and protist diseases operate. How the human body defends against disease and how vaccinations, antibiotics and painkillers work.</p> <p>The discovery and development of drugs.</p>	<p><u>Summer</u> <u>Teacher A GCSE Earth and Atmosphere</u></p> <p>The Earth's atmosphere is dynamic and forever changing.</p> <p>We will look at how to predict weather and climate change.</p> <p>The problems caused by increased levels of air pollutants and the solutions that help to reduce the impact of human activity.</p>
<p>9</p>	<p><u>Autumn</u> <u>Teacher B GCSE Atomic Structure and the Periodic table</u></p> <p>Advanced structure of the atom focussing on arrangement of the electrons.</p> <p>How the periodic table was developed and how we use it to make sense of their physical and chemical properties.</p> <p>The arrangement of elements in the modern periodic table can be explained in terms of atomic structure which provides evidence for the model of a nuclear atom with electrons in energy levels.</p>	<p><u>Spring 2</u> <u>Teacher B GCSE Energy</u></p> <p>Energy transfers and efficiency</p> <p>The amount of work done and power of machines</p> <p>Calculating the amount of energy stored within objects</p> <p>Reducing energy losses.</p> <p>Advantages and disadvantages of various energy resources used for the generation of electricity</p>	<p><u>Summer</u> <u>Teacher B GCSE Particle model of matter</u></p> <p>Using kinetic theory to explain physical properties of solids, liquids and gases including density.</p> <p>How the energy of a substance is stored as the temperature of an object changes and changes of state.</p> <p>Calculating the specific heat capacity of metals.</p> <p>Explaining how gases exert a pressure of surfaces</p>