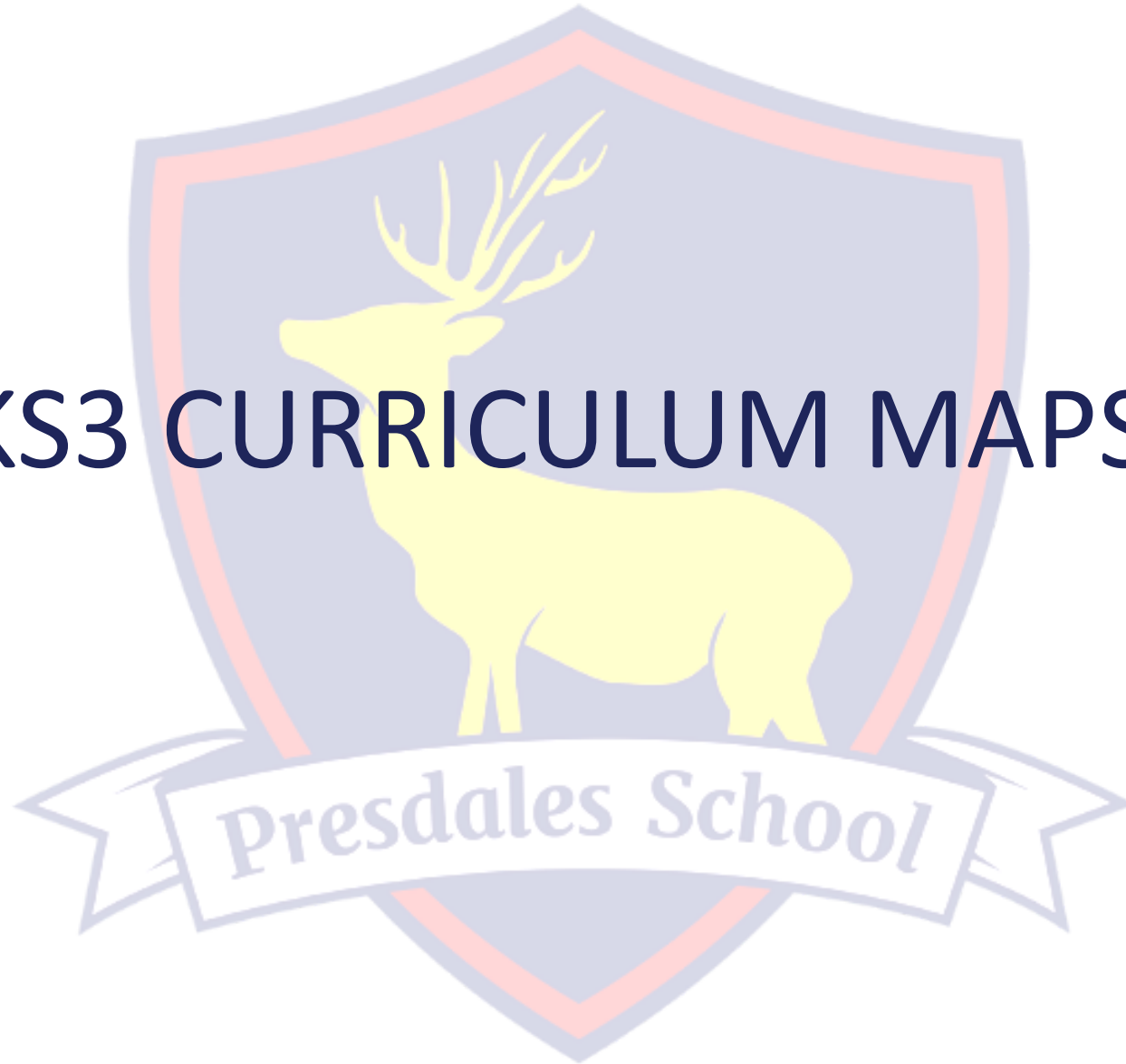


KS3 CURRICULUM MAPS



ART

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"> • Studying architecture within cultures • Experimenting with media • Islamic Architecture Study Page*
	<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"> • Art Movements: Fauvism • Fauvist painting • Fauvist Research* 	<u>Summer 2</u> <ul style="list-style-type: none"> • Techniques: Printmaking • Experimenting with different prints • Cultural Architecture Print*
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Researching Day of the Dead Festival • Create Cultural Research page * • Experimentation with media 	<u>Spring 1</u> <ul style="list-style-type: none"> • Baseline Portrait • Portraiture/Proportions • Tonal Pencil Self portrait * 	<u>Summer 1</u> <ul style="list-style-type: none"> • Art Movements: Abstract Expressionism & Cubism • Artist Research • Abstract Relief Portrait*
	<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"> • Tonal Self Portrait • Celebrity Portrait • Artist Research* 	<u>Summer 2</u> <ul style="list-style-type: none"> • Abstract Portraits inspired by Research • Group work*
9	<u>Autumn 1</u> <ul style="list-style-type: none"> • Introduction to photography • Rules of composition / Photographic Techniques • Artist Research • Scrapbook Presentation Page* 	<u>Spring 1</u> <ul style="list-style-type: none"> • Surrealism Artist Research Page* • Developing Design Ideas • Creating Personal outcomes 	<u>Summer 1</u> <ul style="list-style-type: none"> • Artist Research • Design Ideas • Fantasy Fashion Study Page*
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Mini GCSE project: Flight • Mixed Media drawing study page* • Art Movement: Surrealism 	<u>Spring 2</u> <ul style="list-style-type: none"> • Box Art / Mobile Art outcome* • Fantasy Fashion Project • Moodboard 	<u>Summer 2</u> <ul style="list-style-type: none"> • 3D Fashion Item* • Photoshoot of 3D Fashion item • Group work

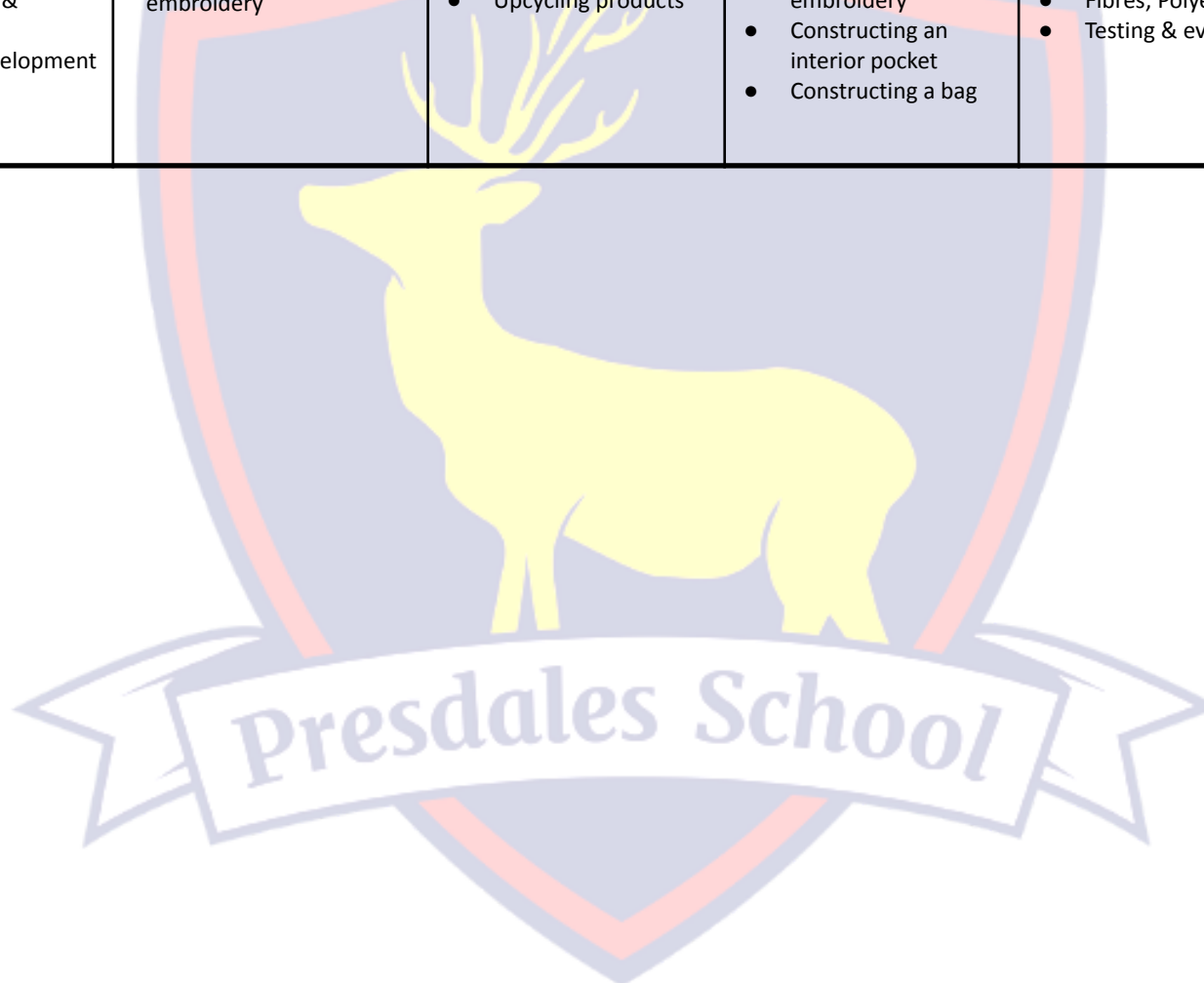
Computing

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1: Computer Basics</u> E-Safety Baseline test Login on to the Presdales systems How to search safely online How to use read/write software 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: SCRATCH and EOY</u> How to use SCRATCH, basic functions (3) Revision (1) Written EOY test (2 week period)
	<u>Autumn 2: Digital Literacy 1</u> Bebras Competition Google Suite : Docs, Slides, Sheets Written test	<u>Spring 2: Networks and the Internet</u> Types of networks and topologies Network security threats and measures	<u>Summer 2: SCRATCH</u> Game creation on SCRATCH using code club
8	<u>Autumn 1: Data Representation</u> E-Safety Binary and logic Images and sound files Multiple-choice test	<u>Spring 1: Python</u> How to use Python including : inputs, outputs, arithmetic operators Written test	<u>Summer 1: Python and EOY</u> Python game design Revision (2) Written EOY test (2 week period)
	<u>Autumn 2: Digital Literacy 2</u> Bebras Competition Google Suite : Docs, Slides, Sheets Written test	<u>Spring 2: Algorithms</u> Computational thinking Flow diagrams	<u>Summer 2: Pre-Production</u> Mood boards Mind maps Visualisations Storyboards Scripts
9	<u>Autumn 1: Python</u> E-Safety Pseudocode If statements For loops	<u>Spring 1: Digital Literacy 3</u> Professional emails Word - Referencing Excel - Sorting, Conditional formatting	<u>Summer 1: Cryptography</u> Ciphers (2) Murder mystery (1) Revision (2) Multiple choice EOY (2 week period)
	<u>Autumn 2: Python</u> Bebras competition While loops Lists Written test (in place of written EOY)	<u>Spring 2: Key Skills for Work and Life</u> Digital or Technical skills Online banking Skill development	<u>Summer 2: Animation</u> Flipbooks Stop motion SCRATCH

Design and Technology

	Year 7		Year 8		Year 9	
Food Preparation and Nutrition	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	<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 	<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 	<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 	<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 	<ul style="list-style-type: none"> • Analysing & evaluating • Food science - coagulation, gelatinisation • World cuisine - French • Food choice • Teen diets • Adapting basic recipes • Evaluating 	<ul style="list-style-type: none"> • Students will learn to make: • Ratatouille • Fruit galette • Quiche • Chilled cheesecake • Sweet & sour • Development practical
Product Design	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	<ul style="list-style-type: none"> • Brief/Specification • Thermoforming & Thermosetting Plastics • Sustainability • Product Analysis • Smart & Modern Materials • Design Development • Evaluation 	<ul style="list-style-type: none"> • Sketching • Template/Model Making • Cross & Draw Filing • Quality Assurance • Line Bending • Forming/Shaping Plastic • Testing/QC 	<ul style="list-style-type: none"> • Design Brief • Soft & Hard Woods • Sustainability • Manufactured Boards • Design Development • Computer Aided Design (CAD) 2D Design • Evaluation 	<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 	<ul style="list-style-type: none"> • Graphical Communication • How Technical Drawings are used in Industry • Working with Paper and Boards • Iterative Design • CAD-TinkerCAD 	<ul style="list-style-type: none"> • Perspective • Rendering • Orthographic Projection • Isometric • Working with Paper • Using CAD programme • CAM-3D Printing

Textiles	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	<ul style="list-style-type: none"> • Task analysis • H&S in children's toys • Knitted construction • E-Textiles • Pattern lay & templates • Design Development • Evaluation 	Designing Using the sewing machine Hand stitching Applying decoration; buttons, applique, embroidery	<ul style="list-style-type: none"> • Brief/Specification • Product analysis • Block printing • Woven construction • Pattern templates • Upcycling products 	<ul style="list-style-type: none"> • Developing patterns • Confidence using the sewing machine • Applying decoration; printing & embroidery • Constructing an interior pocket • Constructing a bag 	<ul style="list-style-type: none"> • Brief/Specification • Product analysis • Issues in fashion • Different types of seams and their uses • Fibres; Polyester • Testing & evaluation 	<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 baseline assessment.	<u>Spring 1</u> Pantomime Stylised Drama, engagement of audience through techniques.	<u>Summer 1</u> Page to Stage- Oliver Twist Scripted Drama, stage directions, communicating character.
	<u>Autumn 2</u> The Haunted Lift Responding to poetic stimulus, structuring narrative. Applying learnt skills in first sol.	<u>Spring 2</u> Radio Play Vocal skills, soundscape, performance technology. End of ½ term assessment.	<u>Summer 2</u> Page to Stage- Oliver Twist Scripted Drama, stage directions, communicating character. End of term assessment.
8	<u>Autumn 1 & 2</u> Darkwood Manor Exploring genre and storytelling, performing with T.I.R and whole class improvisation to create narrative.	<u>Spring 1 & 2</u> Presenting and Performing Hard to Swallow 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> Matilda the Musical Musical Theatre Unit staging key scenes from the junior production combining acting, music and
	<u>Autumn 1 & 2</u> History of Theatre Greek to present day, styles and conventions of Drama, social & historical context, influential playwrights.	<u>Spring 1 & 2</u> Presenting and Performing Hard to Swallow End of Term Assessment	<u>Summer 1 & 2</u> Matilda the Musical End of Term Assessment
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> Blood Brothers ½ Term Assessment of duologue.
	<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> GCSE Set text study Explore, plot, central themes, Key characters and perform a duologue to an audience.

English

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Introductory Unit: starting school and inspirational people extracts. Introduction to Reading Plus and Accelerated Reader Assessment point 1 - non-fiction writing: informative letter to new teacher	<u>Spring 1</u> Creative Writing Detective Fiction (Stream 1) - reading extracts from detective novels. Satellite text: High-Rise Mystery Creative writing based on myths and legends (Stream 2) Fiction writing focus - introduce your own character.	<u>Summer 1</u> Poetry Reading focus - analysing a poem Assessment point 3 - reading: analysing how a character is presented in an extract.
	<u>Autumn 2</u> Novel: Coraline (Stream 1) A Girl Called Justice/Series of Unfortunate Events (Stream 2) Reading focus: analysing characters in an extract	<u>Spring 2</u> Assessment point 2 - fiction writing: introducing a character. Fairy Tales on Film Media and oracy focus - exploring representation	<u>Summer 2</u> Shakespeare: Macbeth (Stream 1) Introduction to Shakespeare (Stream 2) Reading and oracy focus - exploring character and context
8	<u>Autumn 1</u> Novel: The Fox Girl and the White Gazelle Reading and non-fiction writing focus - forming and expressing an opinion. Assessment point 1- non-fiction writing: a persuasive article about the friendship in the novel.	<u>Spring 1</u> Novel: Northern Lights (Stream 1) Murder Most Unladylike (Stream 2) Fiction writing focus - developing tension and a sense of place in extracts inspired by the novel.	<u>Summer 1</u> Poetry - Ballads Reading focus - exploring language, structure and form. Assessment point 3 - reading: analysing how tension is created in a fiction extract.
	<u>Autumn 2</u> Shakespeare play: A Midsummer Night's Dream Reading focus: analysing characters and relationships	<u>Spring 2</u> Assessment point 2: fiction writing - describing an experience, creating tension and a sense of place. The Apprentice - persuasive techniques and understanding of audience and purpose. Oracy focus - persuasive pitch for a new product	<u>Summer 2</u> Modern play: The Exam by Andy Hamilton Oracy and script writing focus - writing and performing scenes and monologues
9	<u>Autumn 1</u> Shakespeare play: Much Ado About Nothing. Assessment point 1 - non-fiction writing: Opinion piece on why the play's characters and themes are still popular.	<u>Spring 1</u> Poetry Reading focus - comparing traditional and modern poems, analysing language, structure and form.	<u>Summer 1</u> Women in 19th Century Fiction - exploring extracts from 19C novels. Reading focus - exploring characters in context. Assessment point 3 - reading: analysing how characters and relationships are affected by contexts in a 19C extract.
	<u>Autumn 2</u> Novel - Divergent Reading and oracy focus - presentation exploring characters and themes	<u>Spring 2</u> Creative Writing - dystopian short stories, focused on character development and structuring narrative. Extracts from The Hunger Games for inspiration. Assessment Point 2 - fiction writing: short story in the dystopian genre, with focus on structure and character development.	<u>Summer 2</u>

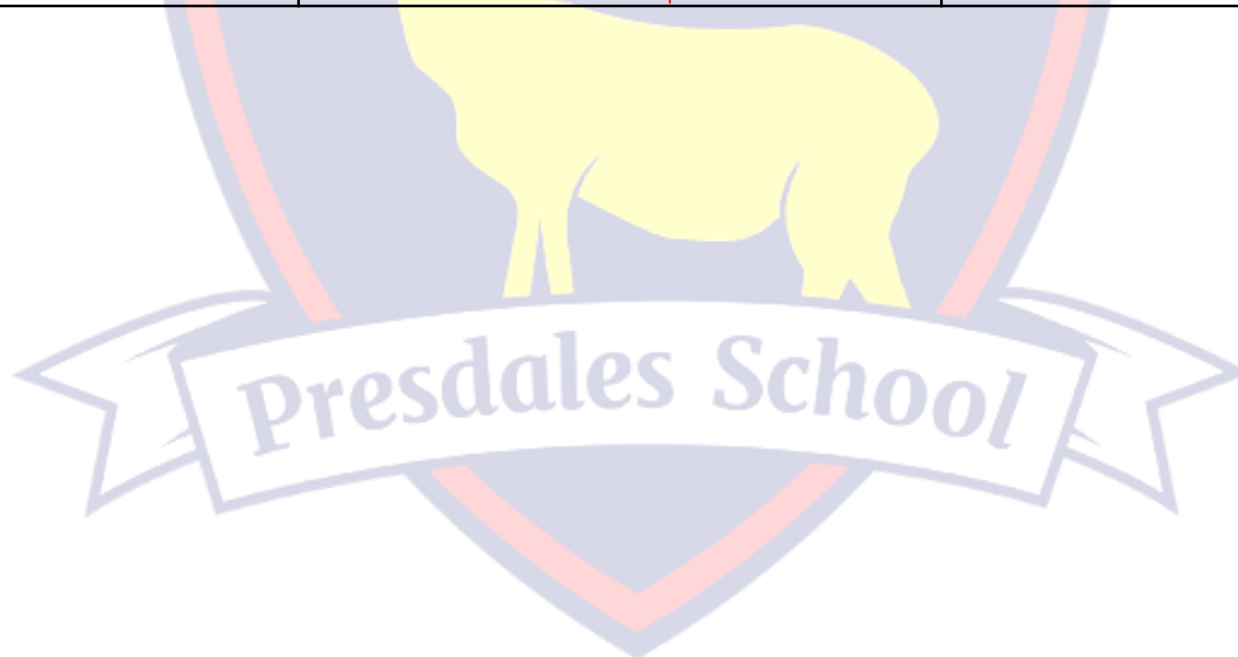
Geography

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 volcanoes 	<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"> Plate tectonics 	<u>Spring 1</u> <ul style="list-style-type: none"> Development MINT Countries 	<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"> Focus on earthquakes Autumn term assessment 	<u>Spring 2</u> <ul style="list-style-type: none"> Development continued Spring term assessment 	<u>Summer 2</u> <ul style="list-style-type: none"> Living World continued End of Year Examination

History

Year	Autumn Term (Assessment)	Spring Term (Assessment)	Summer Term (Assessment)
7	<u>Autumn 1</u> <ul style="list-style-type: none"> • What is History? • <u>Baseline Test</u> • Migration to Britain through time: Migration stories, impact on Britain and challenges faced 	<u>Spring 1</u> <ul style="list-style-type: none"> • Contested power, contested land • Silk Roads - Byzantine Empire & Mongols • Baghdad - the House of Wisdom • Significance of the Silk roads 	<u>Summer 1</u> <ul style="list-style-type: none"> • Power Continued: Peasant Revolt - Interpretations: What happened to Wat Tyler? • Top Trumps: Kings & Queens
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Norman Conquest Battle for the throne, Stamford Bridge, Battle of Hastings • Why did William win the Battle of Hastings? • Norman Control - Harrying of the North, Motte & Bailey Castles, Feudal System & Domesday Book • Interpretation Question: Is Simon Schama right about the Norman Conquest? 	<u>Spring 2</u> <ul style="list-style-type: none"> • Power: Could Kings do whatever they liked? - Thomas Becket & Henry II: Blood of the Cathedral Floor - Using sources - inferences & utility • - King John & Magna Carta • - Black Death • Write a narrative account about the causes, events and consequences of the Black Death 	<u>Summer 2</u> <ul style="list-style-type: none"> • Medieval Life: Was it really so bad being a Medieval peasant? Life on the Manor, Crime, Medicine & Women • EOY Exam • Power of the Church: Why was the Medieval Church so powerful? • Why risk death for the Church? Crusades • Board game - power of church. Peer Assessed..
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Early Modern England and the Religious Question • Who were the Tudors and what religious changes did they make? Religious Rollercoaster • How did people react to the Religious Changes? Use of Sources - inferences & utility 	<u>Spring 1</u> <ul style="list-style-type: none"> • The Age of Revolution • Causes of the English Civil War • Essay: Why did people go to war in 1642? • What happened during the Civil War? Soldiers, key battles • Radical thinkers: Levellers, Quakers, Diggers, World Upside Down 	<u>Summer 1</u> <ul style="list-style-type: none"> • The British Empire and the Transatlantic Slave Trade • Sugar through Time - including The Transatlantic Slave Trade - Middle Passage, Life on the Plantation & Resistance, Abolition of the Slave Trade • Write a narrative account about the story of Sugar through time
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Golden Age of Elizabeth • Elizabeth I - Blind Date, Mary Queen of Scots, Spanish Armada • The significance of Black Tudors • Write a letter as Elizabeth I to James VI of Scotland • Who were the Stuarts - James I / VI & Gunpowder Plot 	<u>Spring 2</u> <ul style="list-style-type: none"> • The Age of Revolution • Execution of Charles I & Witchcraze • Interregnum - Cromwell: Hero or Villain? • The British Empire and the Transatlantic Slave Trade • How and why did Britain develop an empire? Colonies in the New World and India 	<u>Summer 2</u> <ul style="list-style-type: none"> • Industrial Age & Suffrage • Introduction to the Industrial Revolution: Peer Assessment - What happened to Britain in the Industrial Revolution? • Quarry Bank Mill • Unhealthy Towns and Cities - Cholera • Working and Living Conditions • EOY Exam • Working Conditions - Matchstick Girls • Crime and Punishment • Suffrage - Peterloo • Women's Suffrage

9	<u>Autumn 1</u> <ul style="list-style-type: none"> ● <u>Global Conflict</u> ● What were the Causes of the First World War? ● 'Why did the Great powers go to war in 1914?' ● The Trenches, key battles and Home Front including recruitment and conscription 	<u>Spring 1</u> <ul style="list-style-type: none"> ● <u>How is History interpreted? Rise of Dictators</u> ● Complete Russia: Did life improve for ordinary people after 1917? ● Ireland: How can History be interpreted differently? Easter Rising, Michael Collins & the partition of Ireland ● Write a narrative account of the events leading to Ireland's partition 	<u>Summer 1</u> <ul style="list-style-type: none"> ● <u>Summer 1</u> ● <u>How should the Second World War be remembered?</u> ● What impact did the events of the SWW have on ordinary people? Case studies of Ethel & Ernest ● The Blitz ● D-Day ● Atomic Bombs: Truman on trial
	<u>Autumn 2</u> <ul style="list-style-type: none"> ● <u>Global Conflict and Revolution</u> ● Armistice, impact of the FWW & Treaty of Versailles ● Treaty of Versailles Assessment - interpretations ● Did Russia improve for ordinary people after 1917? ● Look at Tsar Nicholas II, Lenin and Stalin 	<u>Spring 2</u> <ul style="list-style-type: none"> ● <u>Rise of Dictators and Global Conflict</u> ● Rise of Hitler ● Control of Nazi Germany ● Source Analysis of the Hitler Youth - inference & utility ● What were the Causes of the Second World War? Looking at the main events from 1933 to 1939 ● 'How far do you agree with AJP Taylor's interpretation of the causes of the SWW?' Interpretation exercise 	<u>Summer 2</u> <ul style="list-style-type: none"> ● <u>How and why should the Holocaust be remembered?</u> ● EOY Exam ● Holocaust ● <u>Summer Projects on:</u> ● Cold War ● Early Elizabethan England ● Medicine in Britain



Mathematics

Pathway : Cubic

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> <ul style="list-style-type: none"> • Factors, multiple and primes • Using negative numbers • Multiplying and dividing • Powers and roots • Algebraic expressions • Substitution and formulae • Brackets 	<u>Spring 1:</u> <ul style="list-style-type: none"> • Ratio • Proportion • Perimeter • Area 	<u>Summer 1:</u> <ul style="list-style-type: none"> • Solving equations • Types of sequences • Linear sequences • Patterns • Coordinates and line segments • Linear graphs
	<u>Autumn 2:</u> <ul style="list-style-type: none"> • Working with fractions • Adding and subtracting fractions • Multiplying and dividing fractions • Fractions, decimals and percentages • Angles • Triangles • Quadrilaterals 	<u>Spring 2:</u> <ul style="list-style-type: none"> • Properties of 3D solids • Surface area • Volume • Ordering and rounding decimals • Calculating with decimals • Percentages 	<u>Summer 2:</u> <ul style="list-style-type: none"> • Two way tables • Averages and range • Grouped data • Graphs and pie charts
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Prime factor decomposition • The laws of indices • Powers of 10 • Rounding to significant figures • Estimation 	<u>Spring 1</u> <ul style="list-style-type: none"> • Direct proportion • Distance time graphs • Rates of change • Plans and elevation • Surface area and volume • Transformations – translation, reflection, rotation and enlargement 	<u>Summer 1</u> <ul style="list-style-type: none"> • Plotting linear graphs • $y = mx + c$ • Pie charts • Scatter graphs • Line graphs
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Averages and range • Grouped data • Two way tables and bar charts • Simplifying expressions • Forming and solving equations • Algebraic fractions 	<u>Spring 2</u> <ul style="list-style-type: none"> • Recurring decimals • Using percentages to solve problems • Inverse percentage problems • Calculations with decimals • Scales • Bearings • Ratio • Measure 	<u>Summer 2</u> <ul style="list-style-type: none"> • Basic probability • Mutually exclusive events • Probability diagrams

Mathematics

Pathway : Cubic

9	<u>Autumn 1</u> <ul style="list-style-type: none"> Reciprocals & laws of indices Standard form Simplifying surds Percentages Quadratics – expanding and factorising Quadratic sequences 	<u>Spring 1</u> <ul style="list-style-type: none"> Direct & inverse proportion Arcs & sectors of circles Congruence Similar shapes Non-linear graphs e.g. cubic, reciprocal 	<u>Summer 1</u> <ul style="list-style-type: none"> Transformations – reflection and enlargement Constructions and loci Algebraic proof Using graphs to solve problems Reasoning with angles
	<u>Autumn 2</u> <ul style="list-style-type: none"> Solving equations Solving inequalities Changing the subject Algebraic fractions Compound measures Bounds 	<u>Spring 2</u> <ul style="list-style-type: none"> Graphical solutions to simultaneous equations $y = mx + c$ Trigonometry – finding missing sides and angles Trigonometric graphs 	<u>Summer 2</u> <ul style="list-style-type: none"> Frequency polygons Stem and leaf diagrams Grouped data – calculating mean and range Using tables and charts Cumulative frequency graphs

Mathematics

Pathway : Quadratic

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> <ul style="list-style-type: none"> Four operations Negative numbers Factors, multiples and primes Square and cube numbers Order of operations Writing and simplifying expressions Substitution Formulae 	<u>Spring 1:</u> <ul style="list-style-type: none"> Direct proportion Ratio Measure Area and perimeter 3D shapes Surface area Volume 	<u>Summer 1:</u> <ul style="list-style-type: none"> Sequences Coordinates Position-to-term rule Linear graphs
	<u>Autumn 2:</u> <ul style="list-style-type: none"> Working with fractions Simplifying fractions Adding and subtracting fractions Working with percentages Basic angle rules Estimating, measuring and drawing angles Angles in triangles and quadrilaterals 	<u>Spring 2:</u> <ul style="list-style-type: none"> Rounding with decimals Scales and measures Working with decimals Functions machines Solving equations Forming and solving equations 	<u>Summer 2:</u> <ul style="list-style-type: none"> Averages and range Displaying data Grouped data

Mathematics

Pathway : Quadratic

8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Calculations • Powers and roots • Multiples, factors and primes • Area • 3D shapes • Measures 	<u>Spring 1</u> <ul style="list-style-type: none"> • Conversion graphs • Distance time graphs • Line graphs • Using real-life graphs • Ordering decimals • Rounding to decimal places • Calculations with decimals • Ratio 	<u>Summer 1</u> <ul style="list-style-type: none"> • Direct proportion • Linear graphs • Midpoints • Transformations – translation, rotation and reflection
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Pie charts • Tables and charts • Averages and range • Scatter graphs • Algebraic powers • Brackets • Solving equations 	<u>Spring 2</u> <ul style="list-style-type: none"> • Angles in quadrilaterals • Angles on parallel lines • Angles in polygons • Geometric problems • Adding and subtracting fractions • Multiplying fractions • Fractions, decimals and reciprocals • Dividing fractions 	<u>Summer 2</u> <ul style="list-style-type: none"> • Basic probability • The probability scale • Listing outcomes of events • Sample spaces • Experimental and theoretical probability • Relative frequency
9	<u>Autumn 1</u> <ul style="list-style-type: none"> • Indices • Standard form • Calculations and estimation • Rearranging formula • Working with expressions • Brackets • Percentages of amounts • Percentage change • Recurring decimals 	<u>Spring 1</u> <ul style="list-style-type: none"> • Linear sequences • Non-linear sequences • $y = mx + c$ • Simultaneous equations – graphical solutions • Rates of change • Quadratic graphs • Transformations – translation and reflection 	<u>Summer 1</u> <ul style="list-style-type: none"> • Angles in polygons • Congruent shapes • Similar shapes • Right-angled trigonometry • Using scales • Basic constructions • Constructing triangles • Loci
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Area & circumference of circles • Pythagoras' theorem • Prisms & cylinders • Bounds • Solving equations & inequalities • Simultaneous equations 	<u>Spring 2</u> <ul style="list-style-type: none"> • Transformations – Rotation and enlargement • Combined transformations • Calculating probability • Probability diagrams • Independent events 	<u>Summer 2</u> <ul style="list-style-type: none"> • Data collection • Sampling • Presenting data • Grouped data

Mathematics

Pathway : Linear

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> <ul style="list-style-type: none"> • Adding and subtracting • Multiplying and dividing • Positive and negative numbers • Calculations • Function machines • Expressions 	<u>Spring 1:</u> <ul style="list-style-type: none"> • Angles & lines • Measuring and drawing angles • Factors & multiples • Prime numbers • Square and cube numbers • Triangles and quadrilaterals 	<u>Summer 1:</u> <ul style="list-style-type: none"> • Sequences • The nth term of a linear sequence • Coordinates • Straight line graphs • Real life graphs
	<u>Autumn 2:</u> <ul style="list-style-type: none"> • Comparing fractions • Equivalent fractions • Calculations with fractions • Fractions, decimals and percentages • Working with percentages 	<u>Spring 2:</u> <ul style="list-style-type: none"> • Perimeter & area • Estimates • Decimal numbers • Adding and subtracting decimals • Rounding decimals 	<u>Summer 2:</u> <ul style="list-style-type: none"> • Collecting data • Averages and rang • Displaying data
8	<u>Autumn 1</u> <ul style="list-style-type: none"> • Four operations • Negative numbers • Ratio • Multiplicative reasoning • Area • 3D solids • Surface area • Volume 	<u>Spring 1</u> <ul style="list-style-type: none"> • Measuring and drawing angles • Vertically opposite angles • Angles in triangles • Constructing triangles • Comparing fractions • Using fractions • Percentages 	<u>Summer 1</u> <ul style="list-style-type: none"> • Squares, cubes and roots • Order of operations • Prime factor decomposition • LCM and HCF • Generating sequences • Special sequences • Position-to-term rule • Find the nth term rule for a linear sequence
	<u>Autumn 2</u> <ul style="list-style-type: none"> • Averages • Bar charts • Pie charts • Expressions • Solving linear equations • Brackets 	<u>Spring 2</u> <ul style="list-style-type: none"> • Transformations – reflection, translation and rotation • Adding and subtracting decimals • Multiplying decimals • Ordering and rounding decimals • Working with decimals in calculations 	<u>Summer 2</u> <ul style="list-style-type: none"> • Basic probability • The probability scale • Listing outcomes of events • Sample spaces • Experimental and theoretical probability • Relative frequency
9	<u>Autumn 1</u> <ul style="list-style-type: none"> • Four operations • Squares, cubes and roots • Prime factor decomposition • Laws of indices • Calculations and estimation • Algebraic expressions • Finding and using the nth term rule • Solving equations • Changing the subject of a formula 	<u>Spring 1</u> <ul style="list-style-type: none"> • Angles • Maps and scales • Constructions • 3D solids • Reading and plotting graphs • Midpoints 	<u>Summer 1</u> <ul style="list-style-type: none"> • Area of triangles • Area of compound shapes • Area of circles • Basic probability • Sample space diagrams • Two-way tables

Mathematics

Pathway : Linear

Autumn 2

- Planning a survey
- Averages
- Comparing data
- Two way tables
- Pie charts
- Scatter graphs
- Equivalent proportions (FDP)
- Recurring decimals
- Adding and subtracting fractions
- Multiplying and dividing fractions
- Percentage change

Spring 2

- Intercepts and gradients of straight line graphs
- Distance time graphs
- Using proportion
- Converting metric measures

Summer 2

- Angles in triangles
- Angles in quadrilaterals
- Angles in polygons
- Transformations – rotation, reflection and translation
- Enlargement
- Combined transformations
- Congruent shapes

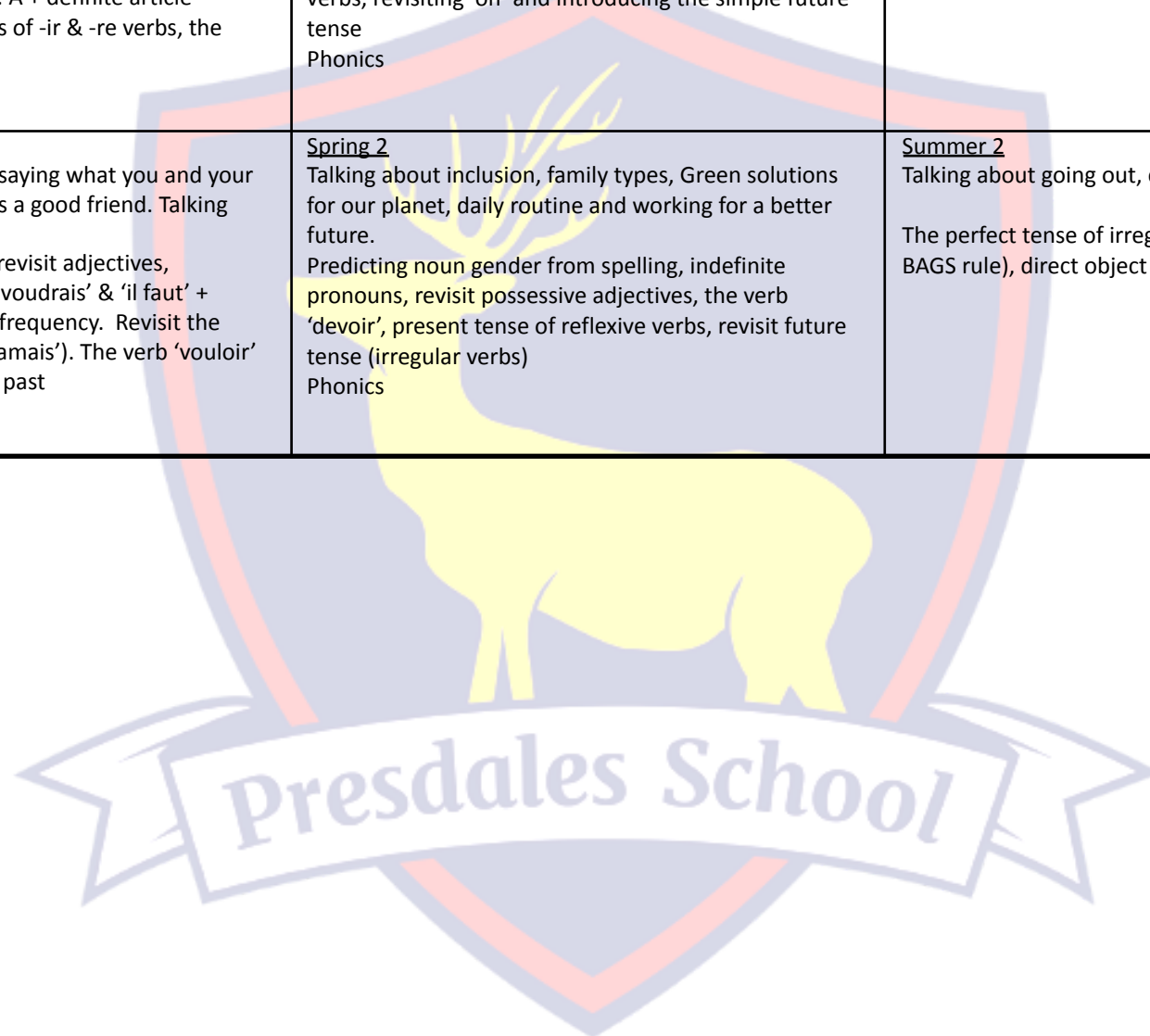


Presdales School

French

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Hobbies & interests, likes, dislikes & opinions, talking about animals & life at school. Nouns & gender, articles, present tense verbs -er verbs and 'avoir' Phonics	<u>Spring 1</u> Talking about your life online, revisiting hobbies and why you like them, talking about what you find stressful and colours Verbs + infinitive, word families, revisit negative forms with infinitive, the verb 'voir', interrogative adjectives Phonics	<u>Summer 1</u> Revisit School (school subjects, opinions, facilities) The verbs 'faire' & 'aller', revisit partitive articles, adjectives and agreements. À + definite article Phonics
	<u>Autumn 2</u> Talking about daily life, the natural world & what we love doing. The verb 'être', infinitives and the negative form Phonics	<u>Spring 2</u> Describing pictures, revisit animals and their location, talking about clothes & personal appearance. 'il/elle' meaning 'it', adjective agreement, position of adjectives, prepositions of place, partitive articles. Revisit regular verbs in the 3rd person Phonics	<u>Summer 2</u> Revisit School (facilities, school day & citizenship) The pronoun 'on', infinitives of -ir & -re verbs, the near future tense Phonics
8	<u>Autumn 1</u> Revisit School (school subjects, opinions, facilities, school day & citizenship) The verbs 'faire' & 'aller', revisit partitive articles, adjectives and agreements. À + definite article The pronoun 'on', infinitives of -ir & -re verbs, the near future tense Phonics	<u>Spring 1</u> Describing Future Plans, personal and professional qualities needed for certain jobs. The verb 'vouloir' + infinitive, 'il faut' + infinitive, adverbs of frequency, revisiting negatives, the negative form of 'ne jamais' Phonics	<u>Summer 1</u> Talking about inclusion and engagement in society. Describing family members and different family types. Indefinite pronouns, predicting noun gender from spelling, Possessive adjectives Phonics
	<u>Autumn 2</u> Talking about role models, saying what you and your friends are like, what makes a good friend. Talking about jobs The relative pronoun 'qui', revisit adjectives, comparative adjectives, 'je voudrais' & 'il faut' + infinitive verbs, adverbs of frequency. Revisit the negative forms (and 'ne...jamais'). The verb 'vouloir' Referring to the future and past Phonics	<u>Spring 2</u> Talking about nationalities and languages ,breakfast, classic dishes and festivals in the Francophone world. Describing future plans Prepositions with countries & towns, the verb 'prendre', revisiting the partitive article, expressions with 'avoir', revisiting the near future tense and 'je voudrais', reflexive verbs, revisiting 'on' and introducing the simple future tense Phonics	<u>Summer 2</u> Talking about environmental issues, discussing green solutions for our planet. Describing daily routine and French sign language (inclusion), describing how to work for a better future. The verb 'devoir' + infinitive and 'on devrait', using reflexive verbs in the present tense. Revisiting the future tense and irregular verbs in the future tense Phonics
	<u>Autumn 1</u> Revisit of: articles, genders, numbers, possessive adjectives, present tense of 'avoir' & 'être', regular -er verbs, question forms and words, negative form.	<u>Spring 1</u> Talking about nationalities and languages, breakfast, classic dishes and festivals in the Francophone world. Describing future plans	<u>Summer 1</u> Talking about holiday activities (& eco friendly choices), a charity placement, visiting friends, disastrous journeys Perfect tense with 'avoir' & 'être' of regular verbs, time

9	<p>School (school subjects, opinions, facilities, school day & citizenship)</p> <p>The verbs 'faire' & 'aller', revisit partitive articles, adjectives and agreements. À + definite article</p> <p>The pronoun 'on', infinitives of -ir & -re verbs, the near future tense</p> <p>Phonics</p>	<p>Prepositions with countries & towns, the verb 'prendre', revisiting the partitive article, expressions with 'avoir', revisiting the near future tense and 'je voudrais', reflexive verbs, revisiting 'on' and introducing the simple future tense</p> <p>Phonics</p>	<p>phrases in the past and sequencers. Imperfect tense of 'avoir, être & faire'</p> <p>Phonics</p>
	<p><u>Autumn 2</u></p> <p>Talking about role models, saying what you and your friends are like, what makes a good friend. Talking about jobs</p> <p>The relative pronoun 'qui', revisit adjectives, comparative adjectives, 'je voudrais' & 'il faut' + infinitive verbs, adverbs of frequency. Revisit the negative forms (and 'ne...jamais'). The verb 'vouloir'</p> <p>Referring to the future and past</p> <p>Phonics</p>	<p><u>Spring 2</u></p> <p>Talking about inclusion, family types, Green solutions for our planet, daily routine and working for a better future.</p> <p>Predicting noun gender from spelling, indefinite pronouns, revisit possessive adjectives, the verb 'devoir', present tense of reflexive verbs, revisit future tense (irregular verbs)</p> <p>Phonics</p>	<p><u>Summer 2</u></p> <p>Talking about going out, cycling, Francophone street artists</p> <p>The perfect tense of irregular verbs, revisit adjectives (the BAGS rule), direct object pronouns</p>



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

<p><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 gl che/ghe (f. plural) Vocabulary Clothing, adjectives, colours Research an Italian brand – create bookmark</p>	<p><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 uo Vocabulary potere & volere & dovere Days of week / times Places to meet Conversational vocab – volentieri, certo etc Revisiting hobbies vocabulary from Autumn 2</p>	<p><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</p>
<p><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</p>	<p><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</p>	<p><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>

Autumn 1**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
Where stress falls and accents

Vocabulary

Places (eg in città)
Type of house
Rooms / Furniture
Prepositions of place
Revisiting colours

Spring 1**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

Summer 1**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

Autumn 2**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

Spring 2**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

Summer 2**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

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.
	<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	<u>Spring 2</u> Shopping in Russia. Describing the items one can buy. Easter in Russia. End of topic assessment	<u>Summer 2</u> My area and transport options Future Tense. How Russians live, transport in Russia, Russian Dacha.
9	<u>Autumn 1</u> Free time. More varied opinion verbs. Using the infinitive. Frequencies and more time phrases.	<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	<u>Summer 1</u> Past tense holidays (incl. weather) and plans for the summer End of Year Exam.

Autumn 2

Free time: Conjugation 1 verbs. Using a verb table. Forming past tenses.

Russian music.

Spring 2

Countries

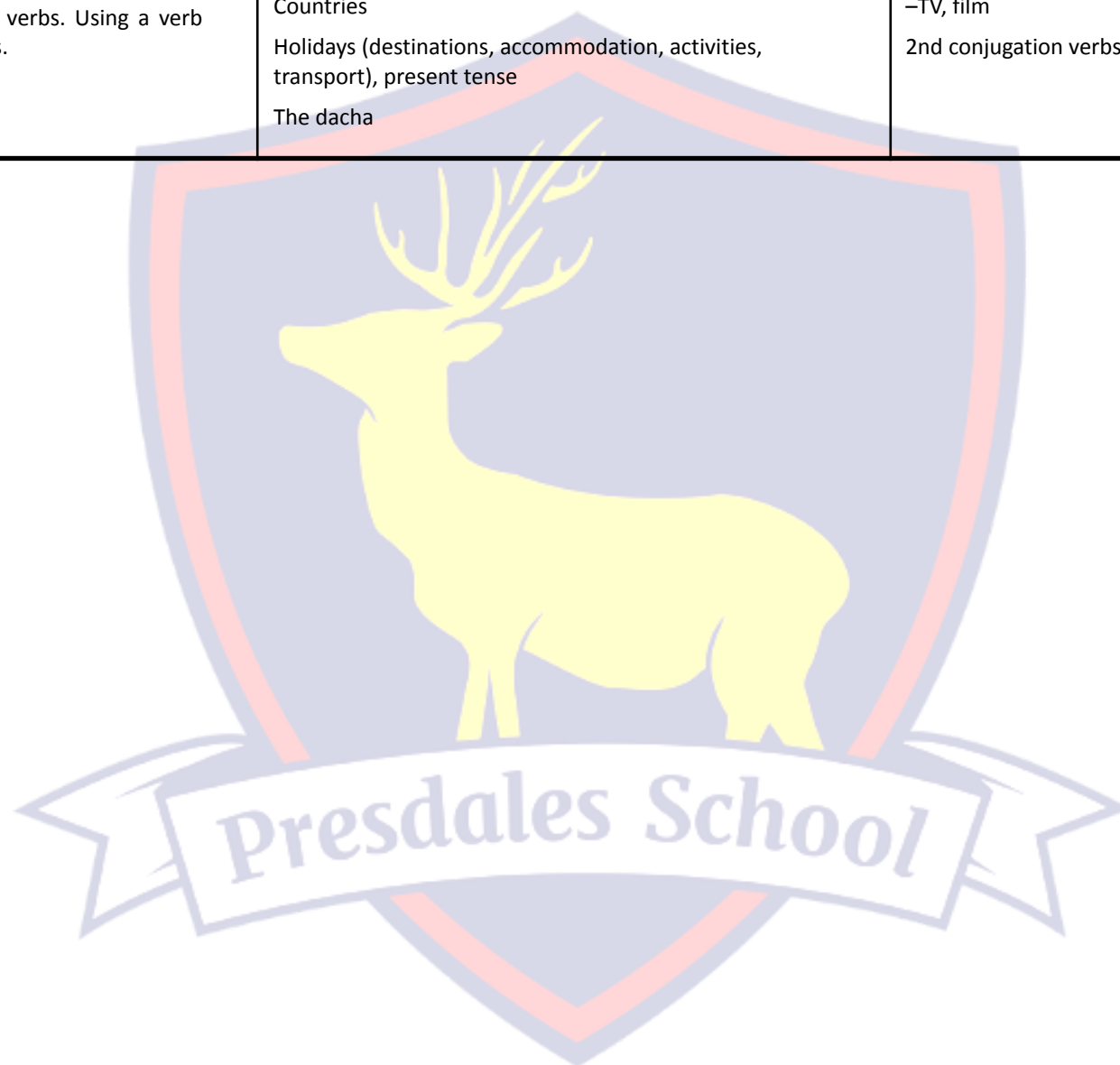
Holidays (destinations, accommodation, activities, transport), present tense

The dacha

Summer 2 Media

–TV, film

2nd conjugation verbs



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	The Language of Music <ul style="list-style-type: none"> Grade 2 songs Reading rhythms Performing Ukulele Melodies 	Carol Service <ul style="list-style-type: none"> Vocal skills Pitched percussion skills Major/minor scales and improvisation CLASS CONCERT 1 	Chinese New Year Global Perspectives 1 <ul style="list-style-type: none"> Reading from notation 3 part percussion music Grade 1 Reading Skills Dragon Dance with percussion 3 part percussion composition 	Pentatonic Scale <ul style="list-style-type: none"> Grade 2 songs Pitched percussion/ukulele Pentatonic scale Improvisation and notation of 5 notes compositions CLASS CONCERT 2 	The orchestra and musical stories 1 <ul style="list-style-type: none"> Music describing the sea Instruments of the orchestra Texture, timbre creating an intended effect 	Chord sequences and Rock and Pop songs 1 <ul style="list-style-type: none"> Ukulele Chords Grade 2 Rock and Pop songs Preparing a song for Presdales Rocks CLASS CONCERT 3
8	African Drumming Global Perspectives 2 <ul style="list-style-type: none"> Djembe drumming & ensemble skills Pulse, rhythm, syncopation, polyrhythms Community and cultural context Siyahamba from Grade 3 syllabus 	The Language of Music 2 - Keyboard Skills <ul style="list-style-type: none"> finger technique Notation 4 beat rhythmic patterns Chords and melody A minor compositions Grade 2 Reading Skills CLASS CONCERT 4 	The Orchestra and Musical Stories 2 <ul style="list-style-type: none"> The Planets Suite, listening and performing Texture, timbre and melody and mood Class performance of "Mars" 	The Orchestra and Musical Stories 2 <ul style="list-style-type: none"> Composing a class planet's suite Song performance for Spring concert CLASS CONCERT 5 	Digital Composition 1 <ul style="list-style-type: none"> Music and movement Features of music for dance and exercise Tempo, rhythm Drum kit, bass, chords & melody Composing music for a PE warm up matching music with movement CLASS CONCERT 6 	Rock and Pop 2 <ul style="list-style-type: none"> Preparing Grade 3 songs for Presdales rocks. Band and ensemble performing skills Visual and aural cues Communication with audience CLASS CONCERT 7
9	Samba Global Perspectives 3 <ul style="list-style-type: none"> 5 part percussion performances Groove, break, ostinato Grade 4 song Mas Que Nada 	The Language of Music 3 - Keyboard Skills 3 <ul style="list-style-type: none"> Melody and countermelody 5 finger technique Composition/songwriting CLASS CONCERT 8 	The Orchestra and Musical Stories 3 Flight and Digital Composition <ul style="list-style-type: none"> Links with Art project on Flight Listen to and describe music depicting flight Timbre, Texture, Instrumentation Learning to use Bandlab 	Flight and Digital Composition 2 <ul style="list-style-type: none"> Using Bandlab to create music to accompany own artwork in joint concert/exhibition CLASS CONCERT 9 	Rock and Pop 3 <ul style="list-style-type: none"> Sisters are Doing it for Themselves Female singer-songwriters with a political message Features of music by Nina Simone, Annie Lennox, Kate bush and others 	Rock and Pop 3 <ul style="list-style-type: none"> Performing Grade 4+ rock and pop songs by Nina Simone, Kate Bush, Annie Lennox for Presdales Rocks

PRE

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> Introduction to Philosophy: consideration of big questions. How do Christians 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 1</u> Religious practices: why are initiation rites important? With focus on Brit Milah and Christian baptism.	<u>Summer 1</u> Religious expression: how are ideas about God expressed through the faith of Hinduism? Hindu mythology, culture and ritual: artwork, deities, symbol, Ramayana
	<u>Autumn 2</u> Introduction to Humanism and how humanists answer the question, 'Why are we here?' Group project work on the six major world religions.	<u>Spring 2</u> Continuation of looking at initiation rites, with focus on the humanist naming ceremony.	<u>Summer 2</u> School exams Hindu expressions of the divine: Divali, puja and Hindu dance
8	<u>Autumn 1</u> What can we learn from religions about how to treat others? Buddhism - who was Siddhartha Gautama? What were the Four noble truths? How does the Eightfold path guide Buddhists in how to treat others?	<u>Spring 1</u> Religious practices: why are rites of passage important? With focus on Bar/Bat Mitzvah, Christian confirmation and the Sikh Amrit ceremony.	<u>Summer 1</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>Autumn 2</u> What can we learn from religions about how to treat others? Judaism - Abraham; Moses; Ten Commandments.	<u>Spring 2</u> A study of religions and worldviews in modern Britain. The Census; Is Britain a Christian Country? Debate arguments for and against.	<u>Summer 2</u> School exams 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. 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.	<u>Spring 1</u> Philosophy: Arguments for and Against the existence of God, including humanist views. Near-death 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 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> How does religious experience lead to faith? Focus on pilgrimage. Group project on pilgrimage site.	<u>Summer 2</u> School exams What is life worth? A consideration of the value of animal life and human life. The teachings from a Christian and humanist perspective. 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	<u>Autumn 1</u> Dance (cheerleading) <ul style="list-style-type: none"> Counting and arm actions Formations and pathways Canon and unison Jumps Adding gymnastics Performance skills Routine performance Hockey <ul style="list-style-type: none"> Grip/dribbling Passing and receiving Modified games Passing and shooting Block tackle Modified game-focusing on group weaknesses Theory linked through practical: Identify the phases of a warm up and cool down.	<u>Spring 1</u> Gymnastics <ul style="list-style-type: none"> Jumps, rolls, balances and locomotion Large apparatus - Springboard/trampette Squat vaults Straddle vaults Handspring flat back Rolls/long vaults Handspring development Performing routines Football <ul style="list-style-type: none"> Dribbling Passing Possession Shooting Tackling Mini games Theory linked through practical: Identify and locate major muscles	Athletics <ul style="list-style-type: none"> Track Field Swimming <ul style="list-style-type: none"> Water confidence Backcrawl Front crawl Breaststroke Butterfly Water competence Synchronised swimming Rounders <ul style="list-style-type: none"> Ball familiarisation Fielding Bowling Batting Batting placement Fielders role Game play/tactics Tennis <ul style="list-style-type: none"> Forehand Backhand Service 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.
	<u>Autumn 2</u> Fitness <ul style="list-style-type: none"> Circuit training Cone ranger Formula 1 Cardio cards Aerobics Interval training Fitness suite Netball <ul style="list-style-type: none"> Passing Footwork Dodging Defending Shooting Positioning Game play Theory linked through practical: Identify and locate major bones	<u>Spring 2</u> Basketball <ul style="list-style-type: none"> Dribbling Passing and receiving Maintained possession Set shot Lay-up Game play Orienteering <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 Theory linked through practical: Identify the pathway of air	

Autumn 1

Fitness

- Boxercise
- Circuit training
- 5 Guys 'Shake it off'
- HIIT
- Just dance
- Fitness suite/ dice fitness
- Burning off your roast dinner

Trampolining

- Shape jumps
- Half turn and full turn
- Back landing
- Seat landing
- Front landing
- Routines

Theory linked through practical: Justify the purpose of warm ups and cool downs.

Autumn 2

Badminton

- Grip and rally
- Serve backhand/forehand
- Net shot
- Overhead clear
- Drop shot
- Singles game play

Hockey

- Recap dribbling and passing
- Reverse stick V drag
- Block and jab tackle
- Shooting
- Attacking short corners
- Positioning formations
- Game play

Theory linked through practical: Describe the 5 functions of the skeletal system

Spring 1

Dance

- Basic Bhangra moves
- Motif
- Develop motif (canon/unison)
- Develop relationships
- Develop formations
- Develop use of levels
- Performance skills

Netball

- Recap passing/footwork
- Timing of pass
- Possession play/dodging
- Shooting
- Interceptions
- Positions
- Match play

Theory linked through practical: Explain the 3 different somatotypes and link to specific sports people.

Spring 2

Gymnastics (Acro)

- Individual balances
- Pair balances
- Trio balances
- Group balances
- Developing routine
- Performance of routines

Football

- Develop passing, dribbling
- Turning/outwitting opponent
- Use of space
- Heading
- Shooting
- Defensive strategies
- Game play/positions

Theory linked through practical: Identify the structure of the heart

Athletics

- Track
- Field

Swimming

- Water confidence
- Backcrawl
- Front crawl
- Breaststroke
- Butterfly
- Life saving

Rounders

- Ball familiarisation
- Fielding
- Bowling development
- Batting and ball placement
- Fielders tactics
- Role of backstop
- Game play/ tactics

Tennis

- Forehand
- Backhand
- Service
- Doubles play

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.

Autumn 1

Trampolining

- Refining landings
- Twisting in and out of landings
- Linking front, seat and back landings
- Sequences

Netball

- Match play
- Umpiring basics
- Channelling
- Attack and set plays
- Defensive set play
- Match play
- Tournament

Theory linked through practical: Identify the different joints

Autumn 2

Tag- Rugby

- Passing backwards/ ball handling
- Scoring a try/ running forward
- Mini games
- Offside rule
- Kicking
- Game play

Badminton

- Recap grip and serve
- Recap net, overhead clear and drop shot
- Lift shot
- Smash
- Shot selection/ combinations
- Doubles play

Theory linked through practical: Explain what movement occurs at the joints.

Spring 1

Fitness

- Boxercise
- Tower climb circuits
- Clubbercise
- Yoga
- Domino's pizza fitness
- RHR, WHR and recovery
- Fitness tests

Basketball

- Recap dribbling and passing
- Lay up
- Triple threat/ faking
- Defence (man-to-man)
- Full court games
- Tournament

Theory linked through practical: Describe how antagonistic pairs of muscles create opposing movement at joints to allow physical activity

Spring 2

Volleyball

- Volley
- Dig
- Serve
- Serve rotation
- 4 v 4 games
- Game play/ tactics

Handball

- Dribbling and passing
- Dribbling with 3 step rule
- Maintaining possession
- Shooting
- Defending
- Game play/ tactics

Theory linked through practical: Explain the pathway of the blood.

Athletics

- Track
- Field

Swimming

- Recap strokes
- Water polo
- Water volleyball
- Water aerobics
- Synchronised swimming

Rounders

- Ball familiarisation
- Fielding
- Bowling development
- Batting development
- Fielders tactics
- Decision making
- Game play/tactics

Cricket

- Batting
- Bowling
- Fielding
- Tactics

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.

Explain the difference between short and long term effects of exercise on the body.

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><u>The following topics are taught in a rota within the term.</u></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>
8	<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>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>
9	<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><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>