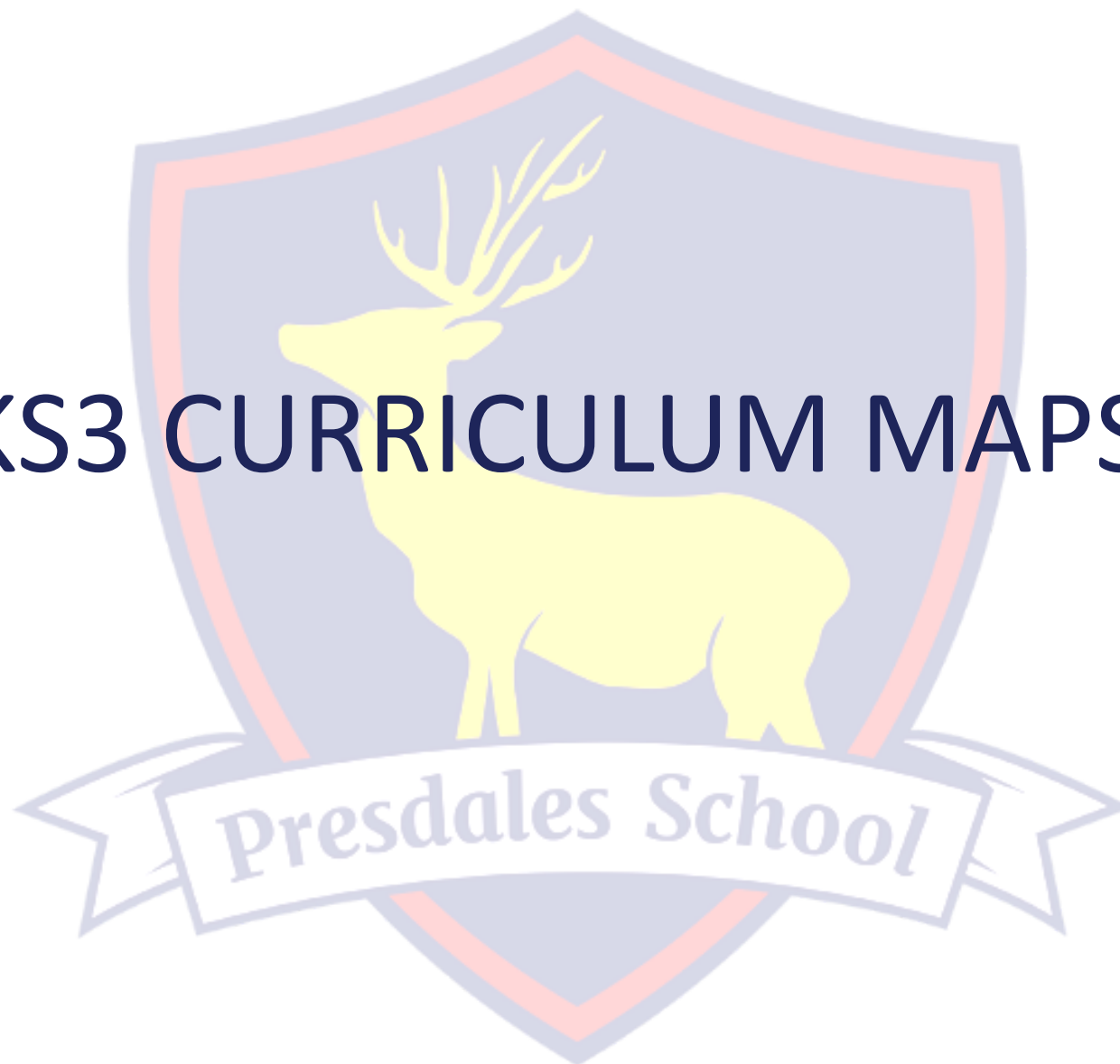


KS3 CURRICULUM MAPS



ART

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> - Baseline test * - Pencil drawing course - Mark making - Tone and Texture	<u>Spring 1</u> - Painting course - Colour theory - Colour mixing* - Brush control	<u>Summer 1</u> - Studying architecture within cultures - Experimenting with media - Islamic Architecture Study Page*
	<u>Autumn 2</u> - Pen drawing course - Mark making, tone, texture - Artist Research*	<u>Spring 2</u> - Art Movements: Fauvism - Fauvist painting - Fauvist Research*	<u>Summer 2</u> - Techniques: Printmaking - Experimenting with different prints - Cultural Architecture Print*
8	<u>Autumn 1</u> - Researching Day of the Dead Festival - Create Cultural Research page * - Experimentation with media	<u>Spring 1</u> - Baseline Portrait - Portraiture/Proportions - Tonal Pencil Self portrait *	<u>Summer 1</u> - Art Movements: Abstract Expressionism & Cubism - Artist Research - Abstract Relief Portrait*
	<u>Autumn 2</u> - Designing Sugar Skulls - Sugar Skull 3-D* - Painting Sugar Skulls	<u>Spring 2</u> - Tonal Self Portrait - Celebrity Portrait - Artist Research*	<u>Summer 2</u> - Abstract Portraits inspired by Research - Group work*
9	<u>Autumn 1</u> - Introduction to photography - Rules of composition / Photographic Techniques - Artist Research - Scrapbook Presentation Page*	<u>Spring 1</u> - Surrealism Artist Research Page* - Developing Design Ideas - Creating Personal outcomes	<u>Summer 1</u> - Artist Research - Design Ideas - Fantasy Fashion Study Page*
	<u>Autumn 2</u> - Mini GCSE project: Flight - Mixed Media drawing study page* - Art Movement: Surrealism	<u>Spring 2</u> - Box Art / Mobile Art outcome* - Fantasy Fashion Project - Moodboard	<u>Summer 2</u> 3D Fashion Item* - Photoshoot of 3D Fashion item - Group work

Computing

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> Clear messaging in digital media • Baseline test • E-safety fundamentals • Visual hierarchy, typography, and layout • Creating digital media assets and publications	<u>Spring 1:</u> Game design • Computational thinking • Block coding • Event triggers, variables and sprite control • Collision mechanics	<u>Summer 1:</u> Networks • Network types (LAN and WAN) • Connecting to the internet • The Internet of Things (IoT)
	<u>Autumn 2:</u> Data representation • Binary Code • Pixel art • Sound sampling	<u>Spring 2:</u> Physical computing • Hardware, inputs, outputs • Memory and storage • Programming physical devices	<u>Summer 2:</u> Data storytelling • Spreadsheet formulas and functions • Dynamic charts and visual data • Analysing data sets
8	<u>Autumn 1:</u> Vector graphics • Vector vs. bitmap image principles. • Paths, nodes, layers, and visual branding. • Copyright, Creative Commons, and ethics	<u>Spring 1:</u> Introduction to Python • Text-based syntax, variables, inputs, and outputs • Basic arithmetic and string formatting • Conditional logic and problem solving	<u>Summer 1:</u> Web design • Web protocols • HTML structure, and CSS styling • Page layout, colours, and typography
	<u>Autumn 2:</u> Mobile app development • UI/UX app layout and wireframing • Event-driven block programming for mobiles • Prototyping interactive mobile apps	<u>Spring 2:</u> Podcast production • Scriptwriting, recording and AI noise reduction • Editing multi-track audio timeline • Sound effects, compression and cover art	<u>Summer 2:</u> Digital animation • Digital animation • Onion skinning, key frame and tweens • Frame rates
9	<u>Autumn 1:</u> Using AI Responsibly • Machine learning basics and data bias • AI ethics, deepfakes, and copyright concerns • Prompt engineering and critical evaluation	<u>Spring 1 and 2:</u> Digital video production • Storyboarding, scriptwriting, and shot lists • Camera angles, framing techniques, and audio recording rules • Stock media, copyright laws, and fair use • Multi-track video editing and transitions • Lower-thirds, motion graphics and text animations • Post production editing and exporting	<u>Summer 1:</u> Data analytics • Advanced formulas (IF, COUNTIF, SUMIF) • Data modeling and conditional formatting • Dynamic charts and interactive dashboards
	<u>Autumn 2:</u> Applied Python Programming • Iteration (while loops) and list data structures • String handling and user input processing • Interactive text-based applications		<u>Summer 2:</u> Cyber security • Historical ciphers and codebreaking logic • Modern encryption and network security • Social engineering, phishing, and defenses

Design and Technology

	Year 7		Year 8		Year 9	
Food Preparation and Nutrition	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	- Kitchen hygiene - Kitchen utensils - Washing up - Eatwell Guide - Food science - enzymic browning, dextrinisation. heat transfer - Adapting basic recipes - Evaluating	- Students will learn to make: - Fruit fusion - Cookies - Pizza toasts - Savoury rice - Bread rolls - Fruit/cheese scones - Development practical	- Bacterial contamination and growth - Food science - plasticity, caramelisation, gelatinisation - World cuisine - British - Food provenance - sustainability - Adapting basic recipes - Evaluating	- Students will learn to make: - Vegetable soup - Rock buns - Mince 'meat' sauce - Fruit crumble - Macaroni cheese - Upside down fruit cake - Development practical	- Analysing & evaluating - Food science - coagulation, gelatinisation - World cuisine - French - Food choice - Teen diets - Adapting basic recipes - Evaluating	- Students will learn to make: - Ratatouille - Fruit galette - Quiche - Chilled cheesecake - Sweet & sour - Development practical
Product Design	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	- Brief/Specification - Thermoforming & Thermosetting Plastics - Sustainability - Product Analysis - Smart & Modern Materials - Design Development - Evaluation	- Sketching - Template/Model Making - Cross & Draw Filing - Quality Assurance - Line Bending - Forming/Shaping Plastic - Testing/QC	- Design Brief - Soft & Hard Woods - Sustainability - Manufactured Boards - Design Development - Computer Aided Design (CAD) 2D Design - Evaluation	- Technical Drawing (Orthographic) - Marking Out - Cutting using hand tools - Working with Wood - Using 2D Design - Computer Aided Manufacture (CAM) Laser Cutter	- Graphical Communication - How Technical Drawings are used in Industry - Working with Paper and Boards - Iterative Design - CAD-TinkerCAD	- Perspective - Rendering - Orthographic Projection - Isometric - Working with Paper - Using CAD programme - CAM-3D Printing

Textiles	Knowledge	Skills	Knowledge	Skills	Knowledge	Skills
	• 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	• Brief/Specification • Product analysis • Block printing • Woven construction • Pattern templates • Upcycling products	• Developing patterns • Confidence using the sewing machine • Applying decoration; printing & embroidery • Constructing an interior pocket • Constructing a bag	• Brief/Specification • Product analysis • Issues in fashion • Different types of seams and their uses • Fibres; Polyester • Testing & evaluation	• 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. 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 through writing an article and speech. Assessment point 1- Creative or nonfiction writing: article/speech or creative writing of a refugees experience arriving in Scotland.	<u>Spring 1</u> Autobiographical novel: Malala Reading and non-fiction writing focus - forming and expressing an opinion through writing an article and letter. Assessment point 3- Creative or nonfiction writing article/letter or autobiographical writing.	<u>Summer 1</u> Revision and practice - language analysis, evaluation, plot and character of Fox Girl and the White Gazelle, transactional writing (letter/article/speech), creative writing.
	<u>Autumn 2</u> Disney and Diversity Reading focus: Comparison of films from 1960s. Assessment point 2- Creative or nonfiction writing: article/speech or creative writing of a refugees experience arriving in Scotland.	<u>Spring 2</u> Autobiographical novel: Malala Reading and non-fiction writing focus - forming and expressing an opinion through writing an article and letter. Assessment point 4- Creative or nonfiction writing article/letter or autobiographical writing.	<u>Summer 2</u> Assessment point 5 - Writing an article or Diary entry from a character's perspective. Reading - language analysis and evaluation Modern play: The Exam by Andy Hamilton Oracy - The Stuart Timms Affair - small group discussion
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, focus on structure and character.	<u>Summer 2</u> Spoken Language Endorsement

Geography

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1</u> - Baseline test * - What is Geography? - Japan - The physical geography. Natural Hazards - including typhoons and volcanoes	<u>Spring 1</u> - Antarctica - Spring term assessment	<u>Summer 1</u> 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> - Japan - The human geography - Autumn Term Assessment	<u>Spring 2</u> - Weather and climate - Microclimate fieldwork in grounds	<u>Summer 2</u> - Preparing for assessment - end of year examination - The physical landscape of the UK - Coasts
8	<u>Autumn 1</u> - Ecosystems - Tropical Rainforests	<u>Spring 1</u> - The Global Fashion Industry - Spring Term Assessment	<u>Summer 1</u> - Coral Reefs - Coral Reef presentations
	<u>Autumn 2</u> - Assessment - Rainforest friendly Christmas	<u>Spring 2</u> Climate change	<u>Summer 2</u> - End of Year Examination - Sustainability
9	<u>Autumn 1</u> Plate tectonics	<u>Spring 1</u> - Development - MINT Countries	<u>Summer 1</u> - Unit 1 of GCSE - The Living World
	<u>Autumn 2</u> - Focus on earthquakes - Autumn term assessment	<u>Spring 2</u> - Development continued - Spring term assessment	<u>Summer 2</u> - Living World continued - End of Year Examination

History

Year	Autumn Term (Assessment)	Spring Term (Assessment)	Summer Term (Assessment)
7	<u>Autumn 1</u> • What is History? • <u>Baseline Test</u> • Migration to Britain through time: Migration stories, impact on Britain and challenges faced	<u>Spring 1</u> • Contested power, contested land • Silk Roads - Byzantine Empire & Mongols • Baghdad - the House of Wisdom • Significance of the Silk Roads	<u>Summer 1</u> • Medieval Life: Was it really so bad being a Medieval peasant? Life on the Manor, Crime, Medicine & Women • Black Death - Write a narrative account about the causes, events and consequences of the Black Death • Peasant Revolt - Interpretations: What happened to Wat Tyler?
	<u>Autumn 2</u> • 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> • Power: Could Kings do whatever they liked? • Top Trumps: Kings & Queens - Thomas Becket & Henry II: Blood of the Cathedral Floor - Using sources - inferences & utility - King John & Magna Carta	<u>Summer 2</u> • Power of the Church: Why was the Medieval Church so powerful? • EOY Exam • Why risk death for the Church? - The Crusades • The Wars of the Roses • History Mystery - What happened to the Princes in the Tower?
8	<u>Autumn 1</u> • Early Modern England and the Religious Question • What impact did the Wars of the Roses have on England? • 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> • The Age of Revolution • Causes of the English Civil War • Essay: Why did people go to war in 1642? • What was it like to live during the English Civil War? Soldiers, key battles • Radical thinkers: Levellers, Quakers, Diggers, World Upside Down	<u>Summer 1</u> • The British Empire and the Transatlantic Slave Trade • How and why did Britain develop an empire? Colonies in the New World and India • 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> • Golden Age of Elizabeth • Elizabeth I - Blind Date, Mary Queen of Scots, Spanish Armada • Was there a 'Golden Age'? • History Mystery of Roanoke • The significance of Black Tudors • Who were the Stuarts - James I / VI & Gunpowder Plot	<u>Spring 2</u> • The Age of Revolution • Witchcraze • Execution of Charles I • Interregnum - Cromwell: Hero or Villain? • The Mughals, India and the East India Company	<u>Summer 2</u> • Industrial Age & Suffrage • Introduction to 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> ● <u>Global Conflict</u> ● What were the Causes of the First World War? - 'Why did the Great Powers go to war in 1914?' ● <u>What was the First World War like?</u> ● Recruitment & Conscription ● DORA - Defence of the Realm Act - life on the Home Front ● What was Trench warfare like including the Battle of the Somme.	<u>Spring 1</u> ● <u>Global Conflict and Revolution</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> ● 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>Autumn 2</u> ● <u>Global Conflict and Revolution</u> ● Armistice, impact of the FWW & Treaty of Versailles ● Treaty of Versailles Assessment - Utility question ● Did Russia improve for ordinary people after 1917? ● Look at Tsar Nicholas II, Lenin and Stalin	<u>Spring 2</u> ● <u>Global Conflict and Revolution</u> ● How successfully did Indians resist British control of India? ● Write a narrative paragraph answering the enquiry question.	<u>Summer 2</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>How and why should the Holocaust be remembered?</u> ● Holocaust



Mathematics

Pathway : Cubic

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> • Factors, multiple and primes • Using negative numbers • Multiplying and dividing • Powers and roots • Algebraic expressions • Substitution and formulae • Brackets	<u>Spring 1:</u> • Ratio • Proportion • Perimeter • Area	<u>Summer 1:</u> • Solving equations • Types of sequences • Linear sequences • Patterns • Coordinates and line segments • Linear graphs
	<u>Autumn 2:</u> • Working with fractions • Adding and subtracting fractions • Multiplying and dividing fractions • Fractions, decimals and percentages • Angles • Triangles • Quadrilaterals	<u>Spring 2:</u> • Properties of 3D solids • Surface area • Volume • Ordering and rounding decimals • Calculating with decimals • Percentages	<u>Summer 2:</u> • Two way tables • Averages and range • Grouped data • Graphs and pie charts
8	<u>Autumn 1</u> • Prime factor decomposition • The laws of indices • Powers of 10 • Rounding to significant figures • Estimation	<u>Spring 1</u> • 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> • Plotting linear graphs • $y = mx + c$ • Pie charts • Scatter graphs • Line graphs
	<u>Autumn 2</u> • Averages and range • Grouped data • Two way tables and bar charts • Simplifying expressions • Forming and solving equations • Algebraic fractions	<u>Spring 2</u> • Recurring decimals • Using percentages to solve problems • Inverse percentage problems • Calculations with decimals • Scales • Bearings • Ratio • Measure	<u>Summer 2</u> • Basic probability • Mutually exclusive events • Probability diagrams

Mathematics

Pathway : Cubic

9	<u>Autumn 1</u> - Reciprocals & laws of indices - Standard form - Simplifying surds - Percentages - Quadratics – expanding and factorising - Quadratic sequences	<u>Spring 1</u> - Direct & inverse proportion - Arcs & sectors of circles - Congruence - Similar shapes - Non-linear graphs e.g. cubic, reciprocal	<u>Summer 1</u> - Transformations – reflection and enlargement - Constructions and loci - Algebraic proof - Using graphs to solve problems - Reasoning with angles
	<u>Autumn 2</u> - Solving equations - Solving inequalities - Changing the subject - Algebraic fractions - Compound measures - Bounds	<u>Spring 2</u> - Graphical solutions to simultaneous equations $y = mx + c$ - Trigonometry – finding missing sides and angles - Trigonometric graphs	<u>Summer 2</u> - 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> - 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> - Direct proportion - Ratio - Measure - Area and perimeter 3D shapes - Surface area - Volume	<u>Summer 1:</u> - Sequences - Coordinates - Position-to-term rule - Linear graphs
	<u>Autumn 2:</u> - 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> - Rounding with decimals - Scales and measures - Working with decimals - Functions machines - Solving equations - Forming and solving equations	<u>Summer 2:</u> - Averages and range - Displaying data - Grouped data

Mathematics

Pathway : Quadratic

8	<u>Autumn 1</u> • Calculations • Powers and roots • Multiples, factors and primes • Area • 3D shapes • Measures	<u>Spring 1</u> • 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> • Direct proportion • Linear graphs • Midpoints • Transformations – translation, rotation and reflection
	<u>Autumn 2</u> • Pie charts • Tables and charts • Averages and range • Scatter graphs • Algebraic powers • Brackets • Solving equations	<u>Spring 2</u> • 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> • Basic probability • The probability scale • Listing outcomes of events • Sample spaces • Experimental and theoretical probability • Relative frequency
9	<u>Autumn 1</u> • Indices • Standard form • Calculations and estimation • Rearranging formula • Working with expressions • Brackets • Percentages of amounts • Percentage change • Recurring decimals	<u>Spring 1</u> • 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> • Angles in polygons • Congruent shapes • Similar shapes • Right-angled trigonometry • Using scales • Basic constructions • Constructing triangles • Loci
	<u>Autumn 2</u> • Area & circumference of circles • Pythagoras' theorem • Prisms & cylinders • Bounds • Solving equations & inequalities • Simultaneous equations	<u>Spring 2</u> • Transformations – Rotation and enlargement • Combined transformations • Calculating probability • Probability diagrams • Independent events	<u>Summer 2</u> • Data collection • Sampling • Presenting data • Grouped data

Mathematics

Pathway : Linear

Year	Autumn Term	Spring Term	Summer Term
7	<u>Autumn 1:</u> • Adding and subtracting • Multiplying and dividing • Positive and negative numbers • Calculations • Function machines • Expressions	<u>Spring 1:</u> • Angles & lines • Measuring and drawing angles • Factors & multiples • Prime numbers • Square and cube numbers • Triangles and quadrilaterals	<u>Summer 1:</u> • Sequences • The nth term of a linear sequence • Coordinates • Straight line graphs • Real life graphs
	<u>Autumn 2:</u> • Comparing fractions • Equivalent fractions • Calculations with fractions • Fractions, decimals and percentages • Working with percentages	<u>Spring 2:</u> • Perimeter & area • Estimates • Decimal numbers • Adding and subtracting decimals • Rounding decimals	<u>Summer 2:</u> • Collecting data • Averages and rang • Displaying data
8	<u>Autumn 1</u> • Four operations • Negative numbers • Ratio • Multiplicative reasoning • Area • 3D solids • Surface area • Volume	<u>Spring 1</u> • Measuring and drawing angles • Vertically opposite angles • Angles in triangles • Constructing triangles • Comparing fractions • Using fractions • Percentages	<u>Summer 1</u> • 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> • Averages • Bar charts • Pie charts • Expressions • Solving linear equations • Brackets	<u>Spring 2</u> • Transformations – reflection, translation and rotation • Adding and subtracting decimals • Multiplying decimals • Ordering and rounding decimals • Working with decimals in calculations	<u>Summer 2</u> • Basic probability • The probability scale • Listing outcomes of events • Sample spaces • Experimental and theoretical probability • Relative frequency
9	<u>Autumn 1</u> • 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> • Angles • Maps and scales • Constructions • 3D solids • Reading and plotting graphs • Midpoints	<u>Summer 1</u> • Area of triangles • Area of compound shapes • Area of circles • Basic probability • Sample space diagrams • Two-way tables

Mathematics

Pathway : Linear

Autumn 2

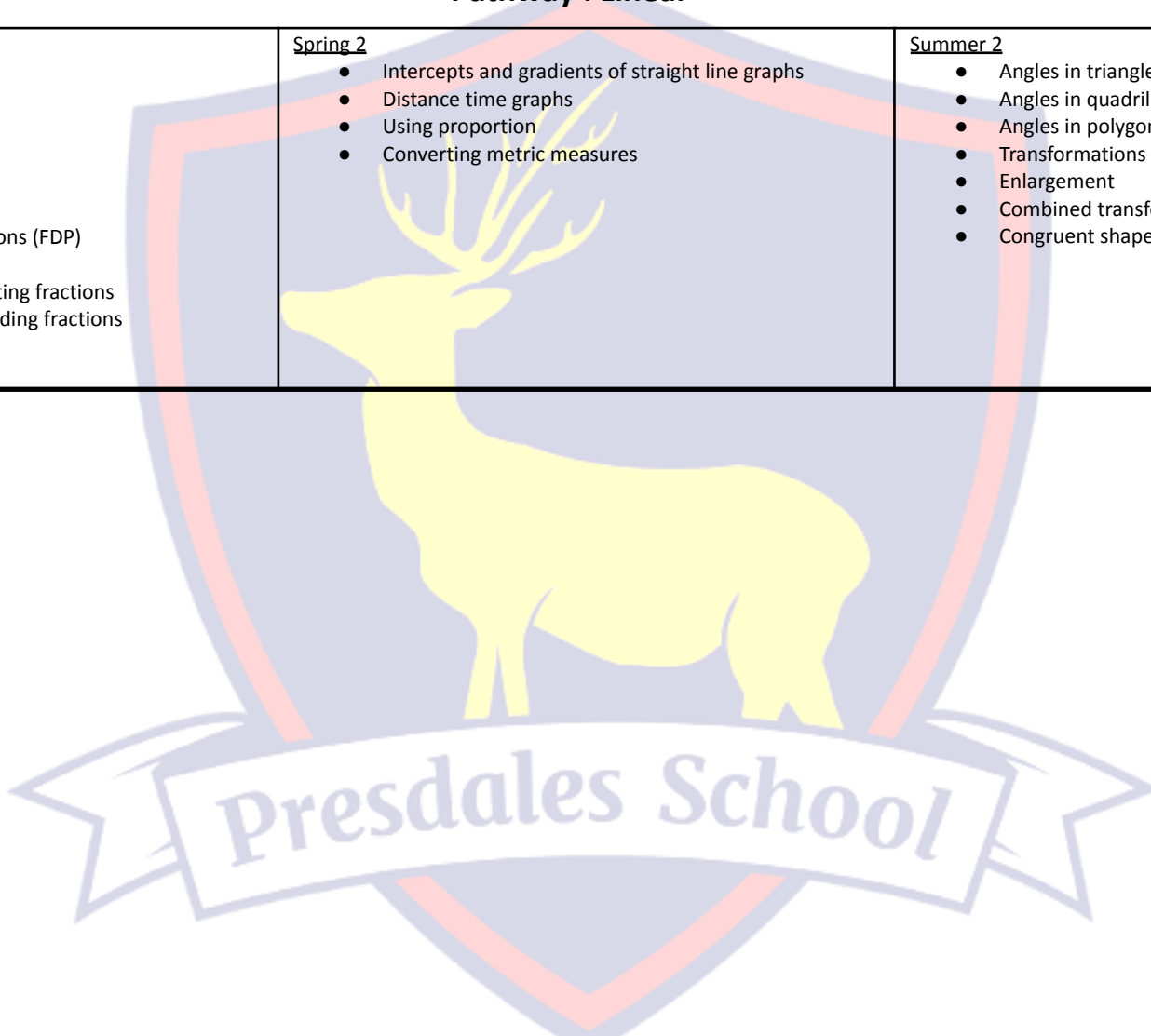
- Planning a survey
- Averages
- Comparing data
- Two way tables
- Pie charts
- Scatter graphs
- Equivalent proportions (FDP)
- Recurring decimals
- Adding and subtracting fractions
- Multiplying and dividing fractions
- Percentage change

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</u> Describing hobbies & interests. Talking about, likes, dislikes and opinions. Talking about animals Nouns & gender. The singular & plural definite article. Present tense of regular -er verbs. Plural nouns. The singular definite article. Possessive adjectives. Phonics	<u>Spring 1</u> Talking about identity. Describing the natural world. Talking about what we love doing, Describing your life online. The verb être'. Infinitives of verbs. Using 'aimer / adorer / détester' + infinitive. Word families. Asking questions Phonics	<u>Summer 1</u> Describing pictures and colours. Revisiting animals and describing their habitats Describing where things are situated. The present tense verb 'voir'. The use of 'quel/quelle' + nouns, Using 'il/elle' to mean 'it'. Adjective agreements. Prepositions of place and position of adjectives Phonics
	<u>Autumn 2</u> Talking about life at school. Describing places in a school and what you have/don't have.. Talking about daily life The verb 'avoir'. The plural indefinite article 'des'. Making verbs negative. Forming questions Phonics	<u>Spring 2</u> Describing what you find stressful. Giving opinions and reasons. Talking about hobbies and why you like them. Revisit negative forms + infinitive. Regular -er present tense verbs. Phonics	<u>Summer 2</u> Describing clothes and what people are wearing. Describing people in a photo. Talking about personal appearance. Partitive articles. 3rd person singular and plural of regular verbs. Plural adjective agreements. The definite article with parts of the body 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

9

Autumn 1

Talking about holiday activities at home and visiting friends / family. Describing a charity placement. Talking about a disastrous journey and eco-friendly holiday activities.

The perfect tense with 'avoir' + regular -er verbs, + regular -ir & -re verbs. Using time phrases in the past.

The perfect tense with 'être'. Sequencers. The imperfect tense of: 'avoir', 'être' & 'faire'

Phonics

Spring 1

Talking about old technologies. Discussing the advantages and disadvantages of new technologies.

Talking about Francophone influencers. Comparing real life versus life online. Discussing future technologies.

Using modal verbs in the imperfect tense. Using negative constructions. Verbs followed by prepositions and infinitives. Using three time frames.

Phonics

Summer 1

Describing the impact of our eating habits. Looking at fitness and comparing keeping fit in the past and present. Comparing health myths and reality.

'Si' + present and future tenses. Using the present and imperfect tenses together. Impersonal structures + infinitive.

Phonics

Autumn 2

Talking about going out. Describing childhood. Talking about cycling. Looking at Francophone street artist and the path to achieving dreams.

The perfect tense of irregular verbs. The imperfect tense. Adjectives: the BAGS rule. Direct object pronouns. Using 2 x tenses together (imperfect and perfect.

Phonics

Spring 2

Talking about cities in Francophone countries.

Discovering Brussels and talking about visiting Kinhasa.

Describing how to get around town and describing life journeys.

Demonstrative articles: 'ce, cet, cette, ces'. The adverbial pronoun 'y'. Subject-verb inversion. Using adverbs. The superlative. Using three time frames.

Phonics

Summer 2

Talking about well-being. Discussing future lifestyle changes and future resolutions. Describing unusual sports.

The conditional tense. 'Si' + imperfect + conditional tenses.

Presdales School

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

<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	<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	<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

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

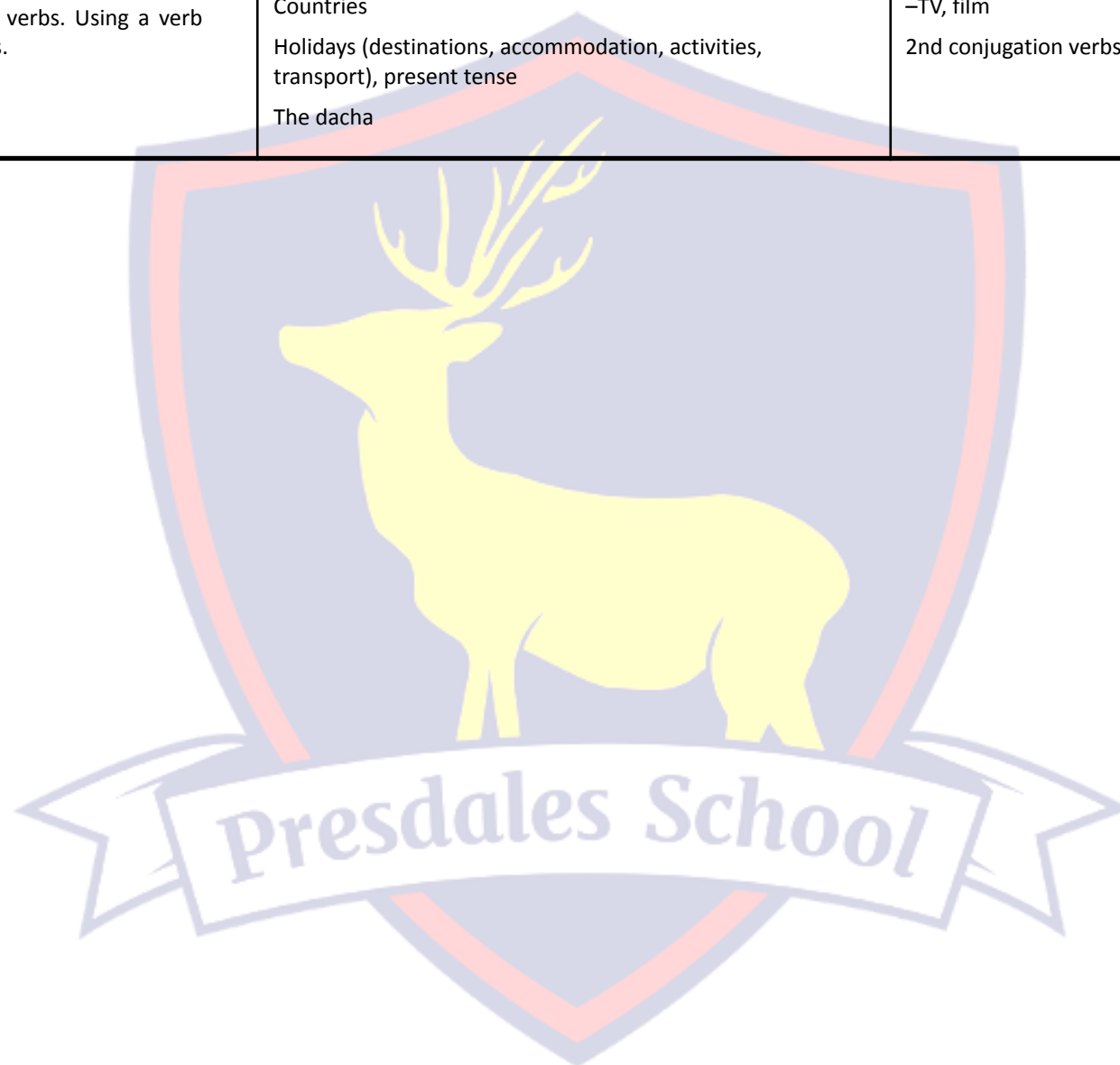
Holidays (destinations, accommodation, activities, transport), present tense

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 - Grade 2 songs - Reading rhythms - Performing Ukulele Melodies	Carol Service - Vocal skills - Pitched percussion skills - Major/minor scales and improvisation - CLASS CONCERT 1	Chinese New Year Global Perspectives 1 - Reading from notation 3 part percussion music - Grade 1 Reading Skills - Dragon Dance with percussion 3 part percussion composition	Pentatonic Scale - Grade 2 songs - Pitched percussion/ukulele - Pentatonic scale - Improvisation and notation of 5 notes compositions - CLASS CONCERT 2	The orchestra and musical stories 1 - Music describing the sea - Instruments of the orchestra - Texture, timbre creating an intended effect	Chord sequences and Rock and Pop songs 1 - Ukulele Chords - Grade 2 Rock and Pop songs - Preparing a song for Presdales Rocks - CLASS CONCERT 3
8	African Drumming Global Perspectives 2 - Djembe drumming & ensemble skills - Pulse, rhythm, syncopation, polyrhythms - Community and cultural context - Siyahamba from Grade 3 syllabus	The Language of Music 2 - Keyboard Skills - 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 - The Planets Suite, listening and performing - Texture, timbre and melody and mood - Class performance of "Mars"	The Orchestra and Musical Stories 2 - Composing a class planet's suite - Song performance for Spring concert - CLASS CONCERT 5	Digital Composition 1 - 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 - 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 5 part percussion performances - Groove, break, ostinato - Grade 4 song Mas Que Nada	The Language of Music 3 - Keyboard Skills 3 - Melody and countermelody 5 finger technique - Composition/songwriting - CLASS CONCERT 8	The Orchestra and Musical Stories 3 Flight and Digital Composition - 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 - Using Bandlab to create music to accompany own artwork in joint concert/exhibition - CLASS CONCERT 9	Rock and Pop 3 - 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 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. Evaluation question: Should circumcision be made illegal?	<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 Introduction to Parables: does a story have to be true to be true? the Lost Son; the Parable of the Sower.
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> 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 1</u> Religious practices: why are rites of passage important? With focus on Bar/Bat Mitzvah, Christian confirmation and the Sikh Amrit ceremony.
	<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.	<u>Spring 1</u> Near-death experience and how convincing it is as a source of faith. Different religious beliefs on what happens when we die.	<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? Philosophy: Arguments for and Against the existence of God, including humanist views.	<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) - Counting and arm actions - Formations and pathways - Canon and unison - Jumps - Adding gymnastics - Performance skills - Routine performance Hockey - 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 - Jumps, rolls, balances and locomotion - Large apparatus - Springboard/trampette - Squat vaults - Straddle vaults - Handspring flat back - Rolls/long vaults - Handspring development - Performing routines Football - Dribbling - Passing - Possession - Shooting - Tackling - Mini games Theory linked through practical: Identify and locate major muscles	Athletics - Track - Field Swimming - Water confidence - Backcrawl - Front crawl - Breaststroke - Butterfly - Water competence - Synchronised swimming Rounders - Ball familiarisation - Fielding - Bowling - Batting - Batting placement - Fielders role - Game play/tactics Tennis - 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 - Circuit training - Cone ranger - Formula 1 - Cardio cards - Aerobics - Interval training - Fitness suite Netball - Passing - Footwork - Dodging - Defending - Shooting - Positioning - Game play Theory linked through practical: Identify and locate major bones	<u>Spring 2</u> Basketball - Dribbling - Passing and receiving - Maintained possession - Set shot - Lay-up - Game play Orienteering - 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	How Science Works Working in the science lab; practical skills; asking scientific questions and variables; drawing tables and evaluating data; analysing data. The following topics are taught in a rota within the term, after the How Science Works topic. Ecology Ecosystems; food chains and food webs; interdependence and food security; adaptations 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 Simple Circuits Introduction to circuits; current and voltage; making measurements in a series circuit; static electricity	The following topics are taught in a rota within the term. 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 Elements and Compounds Elements; compounds; making compounds; trends in the Periodic Table Energy and Waves Energy stores and pathways; energy transfers and efficiency; introduction to waves; sound; light	<u>The following topics are taught in a rota within the term.</u> Dynamic Earth Rocks and minerals; inside Earth; making and breaking rocks; fossil fuels 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 After end-of-year exam; the following topic will be taught. Reproduction in Animals and Plants Reproductive systems and puberty; fertilisation and implantation; healthy pregnancy and birth; menstruation; plant reproduction; seed dispersal Heating Things Temperature; conduction; insulation; radiation
8	Further How Science Works Working in the science lab; presenting data and evaluating sources of error; analysing and evaluating data The following topics are taught in a rota within the term, after the How Science Works topic. Health and Digestion Food and diet; a balanced diet; food tests; the digestive system; digestive enzymes; effect of temperature on amylase; bile and lipase Chemical reactions	The following topics are taught in a rota within the term. Photosynthesis and Respiration Photosynthesis; structure of plants; structure of plant roots; linking photosynthesis, breathing, and respiration; aerobic vs anaerobic respiration; effect of exercise Acids and Alkalis Acids and alkalis; indicators; pH; reactions of acids; neutralisation; acid rain Forces and Motion (advanced) Acceleration and speed-time graphs; drag and Newton's 3rd law; terminal velocity, Hooke's law; pressure; moments	The following topics are taught in a rota within the term. Energy in Reactions Exothermic and endothermic reactions; combustion; thermal decomposition Advanced Electricity Making measurements in parallel circuits; resistance in series; magnetic fields; electromagnets After end-of-year exam; the following topic will be taught. Particles in Action

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