

What's on in Year 9?

Curriculum Overviews



| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| Maths | <p>Higher Topics: Basic Number, Factors and Multiples, rounding, limits of accuracy, indices, standard form and surds.</p> <p>Intermediate Topics: Basic Number, Factors and Multiples, rounding, limits of accuracy, indices, standard form and surds.</p> <p>Foundation Topics: Factors multiples and primes, rounding, indices, standard form and working with fractions.</p> | <p>Higher Topics: Fractions and decimals, basic percentages, calculating with percentages and growth and decay.</p> <p>Intermediate Topics: Fractions and decimals, basic percentages, calculating with percentages and growth and decay.</p> <p>Foundation Topics: Calculating with decimals, core percentages, calculating with percentages and growth and decay.</p> | <p>Higher Topics: Manipulating algebra, algebraic fractions, linear equations, solving linear inequalities and iterative methods.</p> <p>Intermediate Topics: Manipulating algebra, algebraic fractions, linear equations (including simultaneous equations), solving linear inequalities and iteration.</p> <p>Foundation Topics: Manipulating algebra, linear equations (including simultaneous equations) and solving and representing linear inequalities.</p> | <p>Higher Topics: Changing the subject, functions, quadratic equations, solving equations including simultaneous equations and sequences.</p> <p>Intermediate Topics: Changing the subject, functions, quadratic equations and equations (involving simultaneous equations).</p> <p>Foundation Topics: Linear graphs, graphical linear simultaneous equations, ratio and proportion, direct and inverse proportion.</p> | <p>Higher Topics: Coordinates, linear graphs, graphical inequalities, ratio & proportion and direct & inverse proportion.</p> <p>Intermediate Topics: Sequences, coordinate and linear graphs, graphical inequalities, ratio and proportion and direct and inverse proportion.</p> <p>Foundation Topics: Pythagoras and right-angled trigonometry.</p> | <p>Higher Topics: Pythagoras (2D & 3D), Right-angled trigonometry (2D & 3D), non-right-angled trigonometry (2D & 3D), transformations and 2D to 3D shapes.</p> <p>Intermediate Topics: Pythagoras (2D and 3D), Right-angled trigonometry (2D and 3D), non right-angled trigonometry (2D and 3D), transformations and 2D to 3D shapes.</p> <p>Foundation Topics: Transformations and 2D to 3D shapes.</p> |
| English | Language Paper 1: Short Stories - reading and writing skills with a focus on narrative planning, structuring and writing. | Literature Paper 2: An Inspector Calls and narrative writing based on An Inspector Calls themes. | Language Paper 2: The Art of Rhetoric - Crafting and presenting viewpoints with a focus on the skills required for Paper 2, Section B and Spoken Language. | Literature Paper 2: Poetry - Power and Conflict. | Literature Paper 2: Unseen Poetry- focus on protest poetry. | Inspiring Writers- focus on writers from other cultures. |
| Science | Cell Biology and Organisation (Biology) – Graphing and calculations, use of models in science, considering ethical issues in Science. | Atomic Structure & Chemical Changes Part 1 (Chemistry) – Uses and development of models in Science, balancing symbol equations, analysing trends in data. | Energy, Particle Model of Matter (Both Physics), Using Resources (Chemistry) - Using equations, evaluating data, interpreting results, graphing, life cycle assessments. | Infection & Response, Bioenergetics - Epidemiological studies, interpreting data, graphing data, method writing, identifying variables. | Prepare for End of Year exams – all maths skills, extended answer questions. | Practical Skills module – variables, writing methods, data analysis, graphing, evaluating methods and data. |
| Geography | Natural Hazards Paper 1 Volcanoes and earthquakes: Using a case study and figures in GCSE questions. Understanding process. | Natural Hazards Paper 1 Tropical storms, UK weather and extreme weather, Climate Change: Explaining global atmospheric circulation, reading a synoptic chart, explaining anticyclones and depressions. | Challenges of an Urban World Paper 2 Urbanisation in LICs Kenya (AG Brazil): Paper 2 skills such as data analysis and use of graphs. | Challenges of an Urban World Paper 2 Urbanisation HICs Plymouth: Paper 2 skills such as data analysis and use of graphs. | UK Physical landscapes Paper 1 Rivers: Understanding how to explain process and evaluate management techniques. | UK Physical Landscapes Paper 1 Coasts: Understanding how to explain process and evaluate management techniques. Fieldwork skills. |
| History | Medicine Through Time: Ideas: supernatural & religious; Rational explanations for disease; Approaches to prevention and treatment; Approaches to caring for the sick; The Black Death (1348-49); Ideas: a scientific approach. Similarity/Difference, change, judgement. | Medicine Through Time: Transmission of Ideas / Improved Communications; Continuity in prevention; Treatment & care; William Harvey; The Great Plague 1665. Similarity/Difference, change, judgement. | Medicine Through Time: Germ Theory and Microbes, Improvements in hospital care; Anaesthetics and antiseptics & Jenner and vaccination; Approaches to prevention of disease - The Public Health Act (1875); Fighting cholera in London - John Snow. Similarity/Difference, change, judgement. | Medicine Through Time: Ideas: genetics and lifestyles; Improvements in diagnosis & change in care and treatment; Preventing disease; The development of penicillin; The fight against lung cancer. Similarity/Difference, change, judgement. | British sector of the Western Front 1914–18: The Western Front - the trenches; Injuries and illnesses; RAMC and FANY; Medicine in the early 20th Century; Medical advances. Key features, usefulness, follow up. | American West: Plains Indians & Society; Importance of the Plains; Mormon Migration & Development and problems of white settlement farming v Significance of the American Civil War; The Homestead Act & The Pacific Railroad Act; Problems of law & order; Growth and changes in the cattle industry; Rivalry between ranchers and homesteaders; Indian Wars. Consequences, narrative account, Relationships. |
| MFL | Revisit the basics: phonics, numbers, the alphabet, personal information. Vocab focus: descriptions of people, my family, relationships. Grammar focus: review of key tenses, reflexive verbs, comparatives and superlatives, complex negatives. | Vocabulary focus: pets, daily routines, health, illnesses, drugs and alcohol, social issues, jobs. Grammar focus: reflexive verbs, the conditional tense (ser vs estar), the future, if clauses. Cultural focus: social issues. | Vocabulary focus: type of house, location, description, rooms and furniture. Grammar focus: prepositions of place, agreements of plurals, possessives, the conditional tense, the imperfect tense, (ser vs estar). Cultural focus: homes in France/ Spain. | Vocabulary focus: Local area, environmental problems, global issues, charitable work. Grammar focus: (present subjunctive) conditional tense. Cultural focus: global dimension. | Vocabulary focus: school life, describing schools, facilities problems at school. Grammar focus: higher-level structures, review of grammar learnt to date. Cultural focus: similarities and differences between schools in the UK and France/Spain, Easter in Spain. | Vocabulary focus: future plans, work, gap-years. Grammar focus: review of all future tenses. Cultural focus: gap years in French/ Spanish speaking countries. |

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| Art and Photography | Fine Art GCSE - Portraiture: Class group portrait to reveal mystery person (warm up & introduction task); Portraiture: Launch a theme, mind-mapping & understanding GCSE assessment ; Portraiture: Self-portrait using marks based on Richard Serra's 'actions for drawing' charcoal; Researching, transcribing, analysing the work of 20th Century portrait artists & movements relating to the theme. | Photography GCSE - 'Place': Introduction to the theme through brainstorming sessions & exploring principles of presentation; Identifying then experimenting with rule of thirds & depth of field; Selecting & editing photographs & how to use double exposure; Learning about 'leading lines' through Berenice Abbott; Contact sheets, selecting images + capturing shape in composition. | Fine Art GCSE - Portraiture: Anthropomorphic portraits - (Charlotte Caron, Kate Clark etc.) drawing, experimenting, designing and inventing; Portraiture: Developing anthropomorphic ideas in 3-dimensions making small clay portrait models. | Fine Art GCSE: 'Curiosity and Wonder' - Recording from secondary & primary sources. Experimentation using a wide variety of 2-D and 3-D sculptural media in response to a range of relevant artists. | Art: 'Curiosity & Wonder' In depth artist analysis and transcriptions. | Art: 'Private Worlds' Planning final piece compositional sketches & trialling media; Final sustained piece for 'Curiosity and Wonder' 2-D or 3-D or mixed media. |
| Drama | Naturalism. | Performance and scripts. | Stylised scripts. | Controlled Assessment. | Stylised and naturalistic review. | Research Project. |
| Music | Music Theory. Music Practice. Solo musical performance. | Music Theory. Music Practice. Solo musical performance. | Performance Portfolio | Performance Portfolio and performance. | The Concerto through time. | The conventions of Pop. |
| CLASS | Human Rights – What is meant by 'social injustice' and explain how Christians respond to it. Amnesty International and crime and punishment. | Body Image – challenging body image ideals and the role of the media. | Dis respect Nobody – understanding relationship abuse, understanding of consent and managing the pressures and risks associated with sharing sexual images. | Gender – understanding of gender fluid and to generate an understanding of gender as a spectrum. | Medical Ethics - Fertility Treatment Knowledge of ethical and Christian beliefs on fertility treatment. Compare different views and express the link to the sanctity of human life. | Losing my religion and View on God - Know key words to do with belief in God e.g. atheist; deist. Realise why the political/religious/geographical context might be the cause of some Muslims losing their faith. Realise there is a balance to this with many converting to Islam and other faiths. |
| PE | Tactical Understanding, Leadership & Mable. Hockey, dance, rugby, fitness or basketball. | Tactical Understanding, Leadership & Mable. Hockey, dance, rugby, fitness or basketball. | Tactical Understanding, Leadership & Mable. Football or netball, badminton, basketball and fitness. | Tactical Understanding, Leadership & Mable. Football or netball, badminton, basketball and fitness. | Tactical Understanding, Leadership & Mable. Athletics, tennis, cricket and rounders. | Tactical Understanding, Leadership & Mable. Athletics, tennis, cricket and rounders. |
| DT | Designing passive speakers. Studying people and existing designs for mp3 speakers. | Materials, forces and stresses. Designing and making passive speakers. | Core Principles: sustainability, smart materials. techniques and processes, systems input/output. | Surface treatments and finishes. Ecological impact. Specialist technical principles. | Non-Exam Assessment Practice - Encouraging Healthy Lifestyle. | Non-Exam Assessment Practice - Encouraging Healthy Lifestyle. |
| Business Studies | Exploring Enterprises A: Examining the characteristics of enterprises and industry sectors. | Exploring Enterprises: Investigating the characteristics of entrepreneurs and skills for success. Assessment 1 will be completed. | Exploring Enterprises B: Exploring how market research help enterprises meet customer needs. | Exploring Enterprises B: Exploring and understanding competitor behaviours. Assessment 2 will be completed. | Exploring Enterprises C: Investigating external factors that contribute to enterprise success. Tenner Challenge Project will start. | Exploring Enterprises C: Impact of external factors and situation analysis (PEST, SWOT). Assessment 3 will be issued. |
| Computer Science | Unit 1 Systems Architecture: topics include the CPU Functions and Characteristics of CPU, Memory and Storage. | Unit 1 Systems Architecture: Unit 1 Assessment Point. Unit 2 Networks: topics include: The internet, Local Area Network, Wireless Networking, Client and server, Peer to Peer Networks and Protocols. | Unit 2 Assessment Point. Unit 3 Systems Software and Security: topics include: Network threats, Identifying and preventing vulnerabilities | Unit 3 continued: Operating systems software and Utility Software. Unit 3 Assessment Point. | Unit 4 Ethical, legal, cultural and environmental issues. | Unit 4: Legislation and privacy. Unit 4 Assessment Point. |
| Food | Nutrition. Theory: Eat well Guide and dietary needs; Diet related health issues. Accurate hopping skills. Theory: Cooking with grains investigation. Practical: Sauce making. Theory: Costing and product information; Dietary needs for specific people. | Mini Celebration Cake: Practical: Thickening. Theory: Develop decorative skills and explore cake designs. Practical: Functions of ingredients in cakes. Theory: Exploring methods of preservation. Practical: Develop skills in manipulating marzipan and icing. | Nutrition: Theory: Food labels and legal requirements; Food standards schemes; Food assured ingredients. Practical : Sources of food - skills - shaping, finishing and baking. | Practical: Shortening. Theory: exploring methods of baking. Practical: Aeration. Theory: health and safety requirements. Practical: Food hygiene and safety. | Theory: Nutritional profiling and allergen information; Environmental factors. Practical: Adapting recipes. Theory: Time plans and evaluation techniques. | Mini Deli Project: Theory: Menu planning; Nutritional analysis Practical: Trialling dishes suitable for set brief. Theory: Social, Moral and environmental issues. Practical: Final Assessment. Theory: Evaluate and review opportunities for future career options. |