

# Year 11 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Mathematics</b>	<b>Number</b> Recap and review Geometry and Measures Perimeter, area, circumference Volume Pythagoras' Theorem Probability	<b>Statistics</b> Bar charts Scatter diagrams Stem and leaf diagrams Pie charts Algebra Quadratics Rearranging formulae and identities Inequalities Algebra and graphs	<b>Algebra</b> Algebra and graphs Sketching graphs Ratio and Proportion Direct and inverse proportion	<b>Trigonometry</b> Algebra Solving quadratic equations Quadratic graphs	<b>Algebra</b> Simultaneous equations <b>Ratio and proportion</b> Growth and decay Number Vectors	<b>Recap and revision</b> <b>Exam preparation</b>
<b>English GCSE Language &amp; Literature</b>	<b>Poetry Anthology:</b> Power & Conflict (Lit P2/B) Unseen Poetry & comparison (Lit P2/C) Language P1/P2: Skills revision & paper structures	<b>19th Century Novel:</b> A Christmas Carol (Lit P1/B) Language P1/P2: Skills revision & paper structures Language mock exams	<b>Shakespeare:</b> Macbeth (Lit P1/A)	<b>Modern Prose &amp; Drama:</b> An Inspector Calls (Lit P2/A) Literature mock exams	4x Lit texts / 2x long poems	<b>GCSE exams</b> English Language English Literature
<b>Science</b> <b>IGCSE Combined Science</b>	<b>Biology</b> Gas exchange in humans Respiration Drugs Reproduction Organisms and their environment Human influences on ecosystem	<b>Chemistry</b> Metals Chemistry of the environment Organic chemistry Experimental techniques and chemical analysis	<b>Physics</b> Electricity Space physics	<b>Revision</b> Exam preparation Exam technique Question types	<b>Revision</b> Exam preparation Exam technique Question types	<b>Revision</b> Exam preparation Exam technique Question types
<b>PSHE &amp; RSE - Personal, Social, Health and Economic Education &amp; Relationships and Sex Education</b>	<b>Independence and aspirations</b> Developing resilience and risk management skills: • Money management • Fraud and cybercrime • Preparing for adult life	<b>Autonomy and advocacy</b> Developing communication and negotiation skills, risk management and support-seeking skills: • Relationship values • Maintaining sexual health • Sexual health services • Managing relationship challenges and endings	<b>Choices and influences</b> Developing confidence, agency and support-seeking skills: • Making safe and healthy lifestyle choices • Health promotion and self examination • Blood, organ, stem cell donation	<b>Independence and aspirations</b> Developing empathy and compassion, clarifying values and support-seeking skills: • Families and parenting • Fertility, adoption, abortion • Pregnancy and miscarriage • Managing grief and loss	<b>Autonomy and advocacy</b> Developing confidence, self-worth, adaptability and decision making skills: • Recognising and celebrating successes • Transition and new opportunities • Aligning actions with goals	<b>Exam revision, self study and examinations</b>
<b>CEIAG - Careers Education, Information &amp; Guidance</b>	<b>Planning ahead for transition Post 16</b> Reflection Decision making, what influences my decisions? My skills and interests, what are the implications for my choices post 16?	<b>You - What are your skills and qualities?</b> What do you enjoy? Where do you want to go? What are my strengths and areas for development? How do these influence my progression? Work experience, volunteering and employer encounters Opportunities Post 16	<b>The changing job market</b> Green jobs, the effect of climate change on the world of work Money matters-financial support Work experience, job shadowing and employer encounters	<b>Networks-What are they? Have I got one?</b> How do I use it? Networking skills Making applications Writing a CV and cover letter Preparing for interviews	<b>Your progression -a personal review, learning and areas to develop, actions that need to be taken.</b> Looking and planning ahead transition	<b>Exam revision, self study and examinations.</b> CEIAG staff available if needed to support with transitions
<b>Physical Education</b>	<b>Practical:</b> Badminton (Hook-Football/Trampolining) <b>Baseline Test:</b> Coopers Run (Cardiovascular Endurance) <b>GCSE Content:</b> Skill Classification, Goal Setting, AEP	<b>Practical:</b> Basketball (Millside and Activate) Football (Springboard only) (Hook-Dodgeball/Trampolining) <b>Baseline Test:</b> Alternative Hand Wall Toss Test (Coordination) <b>GCSE Content:</b> Socio-Cultural Influences, AEP	<b>Practical:</b> Table Tennis (Hook-Football/Trampolining) <b>Baseline Test:</b> Illinois Agility Test (Agility) <b>GCSE Content:</b> Mental Preparation, Guidance & Feedback (Millside and Activate) Classification of Skill, Performance Guidance and Feedback in Sport, Mental Preparation and Goal Setting, (Springboard only)	<b>Content for non-exam assessment :</b> Analysing and Evaluating Performance <b>Practical NEA Moderation</b>  <b>Springboard only</b> Baseline Test/Multistage Fitness Test (Muscular Endurance) GCSE Content-Social Groupings and Participation in Sport, Ethical Factors in Sport Commercialisation in Sport	<b>Exam revision</b>  <b>Springboard only</b> Practical NEA Moderation Baseline Test-Sit and Reach Test (Flexibility) GCSE Content Aerobic and Anaerobic Systems Long and Short Term Effects of Exercise Revisit any uncompleted or topics in need of practice. Exam preparation	<b>Examinations</b>
<b>ART &amp; Design</b>	<b>GCSE Sustained Project-Final Piece</b> Theme set dependent on the interests of the pupil Know exam assessment objective AO4 Realise personal intentions Know how to use the creative processes. Develop, explore and record ideas. Annotate Reflect on personal work and how to self evaluate.	<b>Mock exam (5hrs)</b> Final piece to sustained project.	<b>Exam preparation</b> Record, ideas, observations, insights and independent judgements visually. Use appropriate specialist vocabulary.	<b>Exam preparation</b> Develop ideas through investigation. Select and critically analyse sources. Understand the creative and cultural connections to their work. Refine ideas Experiment with materials.	<b>Final piece</b> Realise personal intentions Critically reflect on personal work. GCSE Exam (10hr)	<b>GCSE Sustained project, self evaluation.</b> Portfolio completion External moderation
<b>3D Design</b>	<b>GCSE Sustained Project-Final Piece</b> Theme set dependent on the interests of the pupil	<b>Mock exam (5hrs)</b> Final piece to sustained project.	<b>Exam preparation</b> Independent study Record observations	<b>Exam preparation</b>	<b>GCSE Exam</b> Internal moderation	<b>Portfolio completion</b> External moderation
<b>ICT</b>	<b>Internet &amp; internet research</b> <b>Excel Level 1 &amp; 2</b> Conducting research using the internet Search techniques to locate and select information Copyright & constraints on the use of information	<b>Excel Level 2</b> <b>Microsoft applications</b> Using field names and data types to organise information Processing & analysing data to draw conclusions Applying image formatting techniques Using IF and V-Lookup	<b>Outlook</b> Creating & sending emails using appropriate language and formats Attaching files Using collaborative tools Managing & storing information to enable efficient information retrieval Printing	<b>Consolidation &amp; extension of skills</b> Coding using Java script/Python	<b>Digital Functional Skills</b> Gather data about energy use around you using the BBC microbit as a simple data logger Process and analyse the data to make informed decisions about reducing energy usage Undertake two longer, advanced projects to explore how wireless networks, smart materials and algorithms can help keep our oceans clean Design challenges for finding solutions to the Global Goals for sustainable development (SDGs)	<b>Digital Functional Skills</b> Learn how to display an image on the microbit's LED screen Learn how to run code when the microbit screen is facing down and vertically orientated Learn how to run code when the microbit screen is facing up and vertically orientated
<b>Business Studies</b>	<b>Paper 2 - Operations</b> Production processes Quality of goods and services The sales process and customer service	<b>Paper 2 - Operations and Finance</b> Consumer law Business location Working with suppliers The role of the finance function Sources of finance. Concepts of revenue, costs, profit, and loss	<b>Paper 2 Finance</b> Break-even Cash and cash flow	<b>Paper 2 Influences of Business</b> Ethical and environmental considerations The economic climate Globalisation	<b>Paper 2 Independent Nature of Business</b> Making connections Drawing together understanding How parts of a business affect each other and how they affect the performance of an organisation.	<b>Final Revision and examination</b>