



Heartlands  
High School

YEARS 9, 10 & 11  
UPPER SCHOOL  
CURRICULUM BOOKLET

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## OUR CORE CURRICULUM OBJECTIVES ARE:

- All students, irrespective of background or prior attainment, are enabled to make outstanding, accelerated progress across the curriculum.
- All students achieve excellent academic outcomes across a broad range of subjects, developing a depth of knowledge and skills to enable them to progress to high quality further education and training.
- To ensure that outstanding Spiritual, Moral, Social and Cultural education develops students with the character and attributes to be highly successful in their professional and personal lives.

## WE SET OUT TO ACHIEVE OUR CORE OBJECTIVES THROUGH DESIGNING A CURRICULUM WITH:

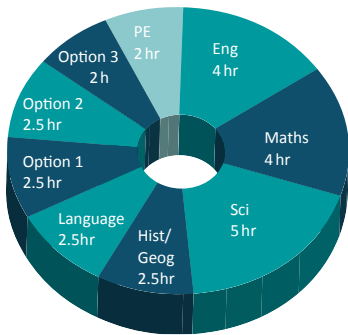
- a strong core curriculum that maximises progress in English and Maths
- a range of learning pathways which offer optimum support and challenge to students with diverse needs and abilities
- inspiring, varied and creative learning experiences
- a culture of scholarly excellence and high aspiration

# INTRODUCTION

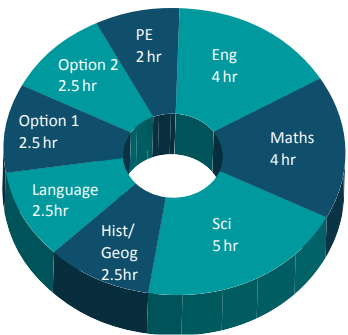
This booklet is designed to give you detailed information about the curriculum your child could study in Years 9, 10 and 11. We see Year 9 as a ‘Preparation Stage’ for GCSEs, when students are laying down the core skills and knowledge that will enable them to achieve excellent outcomes when they progress into the ‘Examination Stage’ in Years 10 and 11. At this point in their academic journey, students have selected their GCSE subjects and are working to acquire depth and mastery of their chosen subjects to meet the higher standards and demands of the new GCSE qualifications. Independent study becomes even more vital at this stage and we expect students to complete 1–2 hours of home learning each day from Year 9 onwards.

In Years 9–11, most students have 25 learning hours per week, divided according to the chart below. Students who are following the Extended Pathway study an additional GCSE subject in 1–2 hours per week after school. PSHCE continues to be taught through discrete ‘SEARCH’ days which take place on a half termly basis and are complemented by Citizenship and Character teaching through tutor time each week.

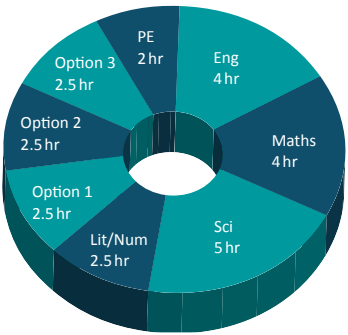
We encourage upper school students to continue with after school enrichment activities to complement their core curriculum. As well as developing students as rounded individuals, Enrichment provides an important evidence base for students’ character and wider interests when they come to apply for College and University.



EXTENDED PATHWAY: 27 HOURS



BACCALAUREATE PATHWAY: 25 HOURS



CORE PATHWAY: 25 HOURS

# YEAR 9 CURRICULUM MAP

	Autumn	Spring	Summer
<b>English</b>	Play: Inspector Calls/ Blood Brothers Language Paper 1: Reading and Writing	Shakespeare: Macbeth Cultural Stories: Female Writers	Poetry: Power and Conflict Novel: Of Mice and Men
<b>Maths</b>	Integers, Decimals, Coordinates, Reading scales & Converting Units, Angles, Collecting Data, Charts & Graphs, Displaying Data, Types of Number	Patterns and sequences, Intro to Algebra, Construction and loci, 2-D and 3-D shapes, Fractions, Construction, Properties of Quadrilaterals and Parallel lines	Fractions, decimals and percentages, Formulae and linear equations, Linear graphs, Perimeter & Area, Ratio and scale, Pythagoras and trigonometry
<b>Combined Science</b>	B1 Cells and Systems C1 Chemistry fundamentals P1 Forces	B2 Body systems C2 Rocks and the Earth P2 Energy	B3 Maintaining body systems C3 Chemical & physical change P3 Space
<b>Biology</b>	B1 Cells and Systems	B2 Body systems	B3 Maintaining body systems
<b>Chemistry</b>	C1 Chemistry fundamentals	C2 Rocks and the Earth	C3 Chemical and physical change
<b>Physics</b>	P1 Forces	P2 Energy P3 Space	P4 Non Contact Forces
<b>French</b>	Hobbies Future plans	Health What used to be	Holidays Global Issues
<b>Spanish</b>	Media and communication School	Health Jobs and future plans	Spanish speaking countries and environment
<b>History</b>	Why did the Allies win World War 2? How could the Holocaust happen? Who was to blame for the Cold War?	What or who was the most important in the Civil Rights Movement?	How has crime and punishment in Britain changed over time? Who were the tudors?
<b>Geography</b>	Tectonic Hazards Weather Hazards Climate Change	UK Landscapes Rivers Urban issues and challenges The Urban world, Urban change in the UK, Urban sustainability	Coastal Landscapes The Development Gap

	Autumn	Spring	Summer
<b>Sociology</b>	Introduction to Sociology Research Methods	Families Research Project	Education
<b>Business</b>	Entrepreneurship Spotting a Business Opportunity	Marketing a christmas toy Business idea project External influences	Travel and Tourism To make a business effective
<b>Art</b>	'Art Skills' workshops and assessed thematic challenges	'Art Skills' workshops and assessed thematic challenges	'Surfaces' Mock GCSE project
<b>Music</b>	Reggae Christmas No. 1s	Theme & Variation Film Music	World Music Battle of the Bands
<b>Drama</b>	Theatre Practitioners	TIE/Scripted Performances	Chatroom (Script)
<b>DT Product Design</b>	Drawing techniques	Workshop skills	Mini project, techniques and processes
<b>DT Catering</b>	Sustainability Food Hygiene Dietary Requirements	Nutrition Dietary Requirements Function of ingredients Food Skills	Food science Planning and designing Recipes
<b>Engineering V Cert</b>	Introduction to Engineering	Technical drawing skills introduction	Practical skills project 1
<b>PE</b>	Health, Fitness and Wellbeing – Lifestyle choices, diet and nutrition	Anatomy & Physiology – Structure of Skeletal System & Muscles Anatomy & Physiology – CV System, blood shunting, blood vessels	Anatomy & Physiology – Respiratory System & Energy Systems Revision & Exam Techniques
<b>Sports Studies V Cert</b>	Developing Sports Skills – Individual Sports Contemporary Issues in Sport	Developing Sports Skills – Team Sports Contemporary Issues in Sport	Developing Sports Skills – Refereeing Contemporary Issues in Sport
<b>Computer Science</b>	Programming project	Hardware, Software and Logic	Trends in Computing assessment
<b>Creative iMedia</b>	Web Skills	Assessment 1	Digital Graphics
<b>Extended: Economics</b>	How the Market Works	What are Competitive Markets?	How do firms operate in competitive markets?
<b>Extended: Further Maths</b>	Matrices, Coordinate Geometry 1, Surds, Index Laws 1, Further Proportion.	Further Number, Further Algebra, Sequences & Progressions, Algebraic Fractions	Manipulation/Proof, Equations of straight lines and circles 1, Further Geometry 1, Coordinate Geometry2, Intro to Calculus 1

# YEAR 10 CURRICULUM MAP

	Autumn	Spring	Summer
<b>English</b>	Novel: Animal Farm/ Pigeon English Shakespeare: Macbeth	Language: Paper 2 Reading & Writing	Novel: Dr Jekyll & Mr Hyde Poetry: Power and Conflict
<b>Maths</b>	Formulae and linear equations, Simultaneous Equations, Trial and Improvement, Similarity and Congruence, Transformations, Kinematics, Compound measures	Surface area and volume, Probability, Averages and range, Formulae and linear equations, Quadratic functions, equations and graphs	Types of number, Intro to Algebra, Index notation and surds, Circle theorems, Pythagoras and trigonometry, Sine and cosine rules, Vectors, Construction and loci
<b>Combined Science</b>	C1 Particles P1 Matter B2 Scaling Up C2 Elements, Mixtures & Compounds	P2 Forces B3 Organism Level Systems C3 Chemical Reactions	P3 Electricity & Magnetism B4 Community Level Systems P4 Waves & Radioactivity
<b>Biology</b>	B2 Scaling Up B3 Organism Level Systems	B3 Organism Level Systems B4 Community Level Systems	B4 Community Level Systems Revision of Key Content
<b>Chemistry</b>	C1 Particles C2 Elements, Mixtures & Compounds	C2 Elements, Mixtures & Compounds C3 Chemical Reactions	C4 Predicting & Identifying Reactions and Products
<b>Physics</b>	P1 Matter P2 Forces	P3 Electricity & Magnetism P4 Waves & Radioactivity	Revision of Key Content P5 Waves in Matter
<b>French</b>	Yourself Free time	French culture Local areas	Travel and tourism School and healthy living
<b>Spanish</b>	Tourism School	Family and free time Family and new technology	Local area Spanish culture
<b>History</b>	Elizabethan England 1558–1588	The Cold War 1941–1991	Crime and Punishment over time Whitechapel and Jack the Ripper
<b>Geography</b>	Tectonic Hazards Weather Hazards Climate Change	UK Landscapes Rivers Urban issues and challenges: The Urban world, Urban change in the UK, Urban sustainability	Coastal Landscapes The Development Gap
<b>Sociology</b>	Introduction to Sociology Research methods	Families Education	Education Crime and Deviance

	Autumn	Spring	Summer
<b>Business</b>	Spotting a Business Opportunity Making the start up effective	The economic context Putting a business idea into practice	Showing Enterprise Coursework
<b>Computing</b>	Algorithms/Programming intermediate Advanced programming	Circle of life/Similar but different NAE assessment	NEA/Computer speak Sound and vision
<b>ICT</b>	Mobile Me Controlled Assessment 1	Everywhere Everything 1 Controlled Assessment 2	Everywhere Everything 2 Controlled Assessment 3
<b>Art</b>	Work	Final piece	and Portrait
<b>Music</b>	The Elements of Music Introduction to Performance and Composition Vocal Music 1	Vocal Music 2 Western Classical Music 1 Solo Performance Composition 1	Music for stage & screen 1 Fusions 1 Solo Performance Composition 1
<b>Drama</b>	Too Much Punch for Judy Unit 3 Theatre Practitioners/ Mock Unit 1 Devising	Unit 2 – Scripted Monologues and Duologues Technical Theatre/Unit 3	Unit 1 Devising Preparation Unit 1 Devising Exam Mock Exam on selected text
<b>DT Product Design</b>	Good workshop practice	Mini project – techniques and processes	Controlled Assessment: Design task
<b>DT Catering</b>	Food hygiene Catering Industry Nutrients	Research techniques Pastry Investigation Food Skills	Controlled Assessment: Afternoon Tea
<b>Engineering V Cert</b>	Health & safety in Engineering	Unit 2 Technical drawing skills	Practical skills project 2
<b>PE GCSE</b>	Health, Fitness and Wellbeing – lifestyle choices & Diet Anatomy & Physiology – Skeletal & Muscular System	Anatomy & Physiology – CV and Respiratory System Movement Analysis – Levers, Joints and classifications	Health, Fitness & Wellbeing – Principles & Methods of Training, components of fitness & fitness tests, personal exercise programme
<b>Sports Studies V Cert</b>	Developing Sports Skills – Individual Sports Outdoor Education	Developing Sports Skills – Team Sports, Refereeing Contemporary Issues in Sport Outdoor Education	Developing Sports Skills – AOP Outdoor Education Contemporary Issues in Sport
<b>Extended: Economics</b>	How the Market Works What are Competitive Markets?	How do firms operate in competitive markets? What are the economic objectives of the government?	How does the UK government raise and spend money? Which Policies can the UK government use?
<b>Further Maths</b>	Geometry 2	Factor Theorem, Functions	

# YEAR 11 CURRICULUM MAP

	Autumn	Spring	Summer
<b>English</b>	Poetry: Power and Conflict Language: Paper 1	Literature and Language Revision	Novel: Dr Jekyll & Mr Hyde Poetry: Power and Conflict
<b>Maths</b>	Formulae and linear equations, Simultaneous Equations, Functions, Transformations of functions, Equation of a Circle, Further graphs and functions, Growth, Decay & Rates of Change	Solving Quadratic Inequalities Revision	Revision
<b>Combined Science</b>	C3 Chemical Reactions B3 Organism Level Systems P3 Electricity & Magnetism	C4 Predicting & Identifying Reactions & Products B4 Community Level Systems P4 Magnetism & Magnetic Fields	Revision of all content
<b>Biology</b>	B4 Community Level Systems B5 Genes, Inheritance & Selection	B6 Global Challenges Revision of all content	Revision of all content
<b>Chemistry</b>	Controlled Assessment C5 Monitoring & Controlling Chemical Reactions	C6 Global Challenges Revision of all content	Revision of all content
<b>Physics</b>	Controlled Assessment	P6 Radioactivity Revision of all content	Revision of all content
<b>French</b>	Understanding myself and free time Understanding my town	Understanding school and jobs Understanding lifestyle and environment	Revision and Exam
<b>Spanish</b>	Understanding school and work Understanding yourself and your free time	Understanding your town and holidays Understanding health and environment	Revision and Exam
<b>History</b>	Historic Environment: Whitechapel and Jack the Ripper Modern Depth: America between 1954–1975	Modern Depth: America between 1954–1975	Revision and Exam practice

	Autumn	Spring	Summer
<b>Geography</b>	Earthquakes Controlled Assessment Geographical Skills	Extreme Environments- Mountain Environments Similarities and differences in Settlements and Population	Revision and Exam practice
<b>Sociology</b>	Crime and Deviance Mass Media	Mass Media Social Inequality	Revision and exam practice
<b>Art</b>	'Ordinary/Extraordinary' Sketchbook	'Ordinary/Extraordinary' Sketchbook and final piece	Exam Project sketchbook & Exam final piece
<b>Music</b>	Music for stage & screen 2 Western Classical Music 2 Ensemble Performance Composition 2	Fusions 2 Final coursework deadlines	Revision and exam practice
<b>Drama</b>	Review	Unit Two- Exploring Texts/ Theatre review Unit 3 Drama Performance	Unit 3 – Exam Performances
<b>DT Product Design</b>	Preparation for making Processes and techniques	Evaluation and testing Final controlled assessment deadlines	Revision and exam practice
<b>DT Catering</b>	Types of Cooking Methods International Cuisines Controlled Assessment Unit 2	Controlled Assessment Deadline Food Laws Sustainability	Revision and Exam practice
<b>Computing</b>	What's inside? The network	Ethics Revision	Revision & Exam Practice
<b>ICT</b>	iGeneration Controlled Assessment 4	iTraveller	Revision
<b>Business</b>	Effective financial management Marketing	Meeting customer needs Effective people management	The wider world affecting Business Revision
<b>PE GCSE</b>		Sporting behaviours	Exam Technique & Revision

## UPPER SCHOOL HOME LEARNING

We expect students to complete one hour of home learning per subject each week. This equates to 1-2 hours per day. Please support your child by making sure they develop good routines and study habits, have a quiet space to study in and by monitoring the completion and quality of their work.

We have an Upper School Home-learning club which students can attend if they wish to and details of these are published as part of our extended school timetable at the start of the academic year.

All home learning is set in class and is recorded online using Show My Homework, a platform which students and parents can access via the school website. Students also record home learning tasks in their planner.

There is also an expectation that all students will read for a minimum of 20 minutes per day. Please ensure you sign your child's reading log in their planner to indicate that they have completed their daily reading.

## UPPER SCHOOL GROUPING

From Year 9 upwards, students are taught in a combination of ability groups (Sets) and option groups which tend to be mixed ability. Decisions around group size and composition are made to optimise student learning and progress. A detailed breakdown is provided below:

## UPPER SCHOOL GROUPING

English, Mathematics, Combined Science	Taught in ability groups
Triple Science, French, Spanish, History, Geography, Sociology, Art, Music, Drama, Photography, Product Design, Hospitality, Engineering, PE GCSE, Sports Studies, Computing, ICT, Business	Option groups
Literacy & Numeracy	Small intervention groups
Core PE	Gender and ability groups

## NOTES AND QUESTIONS





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