



# WALTON HIGH SCHOOL – YEAR 11 CURRICULUM OVERVIEW

Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)
English	Main Topics	<b>Unit One</b>  <b>OCR GCSE English Literature Paper 2</b> <b>Section B: Shakespeare Play</b>  Students will build on their analysis of drama through the study of Shakespeare's 'Romeo and Juliet'.	<b>Unit Two</b>  <b>OCR GCSE English Language: Spoken Language Endorsement</b>  Students will complete their spoken language endorsement in the classroom. This will take place in the first term of Year 11.	<b>Unit Three</b>  <b>OCR GCSE English Literature Paper 1</b> <b>Section B: 19<sup>th</sup> Prose</b>  Students will continue developing their analytical skills through the study of Charles Dickens' 'A Christmas Carol'.	<b>Unit Four</b>  <b>Revision of all units for OCR GCSE English Language and OCR GCSE English Literature</b>  After mock exams, students will complete a range of revision tasks on all English Language and English Literature units. There will be a specific focus on exam skills through answering exam style questions.
	Assessment Information	Students will complete a Part B extract-based question for this unit. This will be marked against exam criteria.	Students will deliver their speech and respond to questions from the class.	Students will complete a Part B open question response. This will be marked against exam criteria.	<b>A mock exam</b> will take place in early February. They will complete both OCR GCSE English Language papers and Section A responses on conflict poetry.
Maths	Main Topics (Foundation)	Linear expressions and equations Constructions Quadratics	Pythagoras Trigonometry Simultaneous equations	Simultaneous equations Compound percentages and growth/decay Congruence and similarity Direct and inverse proportion	Transformations Vector geometry Arcs and sectors Further graphs
	Main Topics (Higher)	Further algebra (proof, fractions, simultaneous equations) Trigonometry recall and advanced trigonometry	Further algebra: graphs and solution sets Statistical diagrams, histograms, frequency, quartiles	Circle theorems Transformations recall Vectors	Function notation and transformations Numerical methods – iteration Pre-calculus



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Biology	Combined	<b>Human Physiology</b> <ul style="list-style-type: none"> <li>The Nervous System</li> <li>Reflexes and Reactions</li> <li>Hormones</li> <li>Glucose Regulation and Diabetes</li> <li>Menstrual Cycle and fertility</li> </ul>	<b>Genetics</b> <ul style="list-style-type: none"> <li>Inheritance and Genetic Diseases.</li> <li>Screening</li> </ul> <b>Paper 1 Mock Exam</b> Provides an estimated grade for students.	<b>Genetics</b> <ul style="list-style-type: none"> <li>Evolution</li> <li>Fossils and Extinction</li> <li>Selective Breeding</li> <li>Genetic Engineering</li> <li>Classification</li> </ul>	<b>Paper 2 Mock Exam</b> Combined with the December grade to provides an estimated grade for students.
	Triple	<b>Human Physiology</b> <ul style="list-style-type: none"> <li>The Nervous System</li> <li>Reflexes and Reactions</li> <li>The Eye</li> <li>Homeostasis</li> <li>Thermoregulation.</li> <li>Hormones</li> </ul>	<b>Human Physiology</b> <ul style="list-style-type: none"> <li>Glucose Regulation and Diabetes</li> <li>Menstrual Cycle</li> <li>Fertility</li> </ul> <b>Botany</b> <ul style="list-style-type: none"> <li>Plant Hormones</li> </ul> <b>Paper 1 Mock Exam</b>	<b>Human Physiology</b> <ul style="list-style-type: none"> <li>The Kidney and Osmoregulation</li> </ul> <b>Health and Disease</b> <ul style="list-style-type: none"> <li>Kidney Disease</li> </ul> <b>Genetics</b> <ul style="list-style-type: none"> <li>Inheritance, Genetic Diseases.</li> <li>Screening</li> </ul> <b>Paper 2 Mock Exam</b>	<b>Genetics</b> <ul style="list-style-type: none"> <li>Evolution</li> <li>Speciation</li> <li>Fossils and Extinction</li> <li>Selective Breeding</li> <li>Genetic Engineering</li> <li>Cloning</li> <li>Classification</li> </ul>
Chemistry	Combined	<b>Quantitative Analysis</b> <ul style="list-style-type: none"> <li>Moles</li> <li>Masses</li> <li>Balancing Equations with moles</li> <li>Calculating concentrations</li> </ul> <b>Chemical change</b> <ul style="list-style-type: none"> <li>Acids, Alkalis and Salts</li> <li>pH</li> </ul>	<b>Chemical change</b> <ul style="list-style-type: none"> <li>Strong and weak acids</li> <li>Making salts</li> </ul> <b>Paper 1 Mock Exam</b>	<b>Rate and Extent</b> <ul style="list-style-type: none"> <li>Reversible Reactions</li> <li>Dynamic Equilibrium</li> <li>Le Chatalier's Principle</li> <li>Altering Conditions</li> </ul>	<b>Paper 2 Mock Exam</b> Combined with the December grade to provides an estimated grade for students.
	Triple	<b>Quantitative Analysis</b> <ul style="list-style-type: none"> <li>Moles</li> <li>Masses and Reacting Masses</li> <li>Atom Economy</li> <li>Percentage Yield</li> </ul> <b>Chemical change</b> <ul style="list-style-type: none"> <li>Acids, Alkalis and Salts</li> <li>pH</li> <li>Strong and Weak Acids</li> </ul>	<b>Chemical change</b> <ul style="list-style-type: none"> <li>Making Salts</li> </ul> <b>Quantitative Analysis</b> <ul style="list-style-type: none"> <li>Titrations</li> <li>Titrations Calculations</li> </ul> <b>Paper 1 Mock Exam</b>	<b>Rate and Extent</b> <ul style="list-style-type: none"> <li>Reversible Reactions</li> <li>Dynamic Equilibrium</li> <li>Le Chatalier's Principle</li> <li>Altering Conditions</li> <li>The Haber Process</li> </ul>	<b>Chemical change</b> <ul style="list-style-type: none"> <li>Reactions of Alkenes</li> </ul> <b>Structure and Bonding</b> <ul style="list-style-type: none"> <li>Alcohols and Esters</li> <li>Natural Polymers</li> <li>Condensation Polymers</li> </ul> <b>Paper 2 Mock Exam</b>



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Physics	Combined	<b>Energy Calculations</b> <ul style="list-style-type: none"> <li>Gravitational Potential Energy</li> <li>Kinetic Energy</li> <li>Elastic Potential Energy</li> <li>5 Mark Calculation Practice</li> </ul>	<b>Electromagnetism</b> <ul style="list-style-type: none"> <li>Magnetic Fields</li> <li>Magnetic Fields of Electrical Currents</li> <li>The Motor Effect</li> </ul> <b>Paper 1 Mock Exam</b> Provides an estimated grade for students.	<b>Energy Calculations</b> <ul style="list-style-type: none"> <li>Specific Heat Capacity</li> <li>Specific Latent Heat Capacity</li> <li>Particle Model</li> <li>Pressure in Gases</li> </ul>	<b>Forces</b> <ul style="list-style-type: none"> <li>Equations of Motion</li> <li>Resultant Forces</li> <li>Momentum</li> <li>Conservation of Momentum</li> </ul> <b>Paper 2 Mock Exam</b> Combined with the December grade to provides an estimated grade for students.
	Triple	<b>Energy Calculations</b> <ul style="list-style-type: none"> <li>Gravitational Potential Energy</li> <li>Kinetic Energy</li> <li>Elastic Potential Energy</li> <li>5 Mark Calculation Practice</li> </ul>	<b>Electromagnetism</b> <ul style="list-style-type: none"> <li>Electric Motors</li> <li>Loudspeakers</li> <li>Electromagnetic Induction</li> <li>The Generator Effect</li> <li>Microphones</li> <li>Transformers</li> </ul> <b>Paper 1 Mock Exam</b> Provides an estimated grade for students.	<b>Forces</b> <ul style="list-style-type: none"> <li>Equations of Motion</li> <li>Resultant Forces</li> <li>Moments</li> <li>Leavers</li> <li>Gears</li> </ul> <b>Energy Calculations</b> <ul style="list-style-type: none"> <li>Specific Heat Capacity</li> <li>Specific Latent Heat Capacity</li> <li>Insulators</li> </ul>	<b>Pressure</b> <ul style="list-style-type: none"> <li>Gas Pressure</li> <li>Pressure and Force</li> <li>Atmospheric Pressure</li> </ul> <b>Paper 2 Mock Exam</b> Combined with the December grade to provides an estimated grade for students.
Art	Main Topics	<b>Identity</b>  Create Final Outcome(s)	<b>Identity</b>  Create Final Outcome(s)	<b>Examination Unit</b>	<b>Examination Unit</b>
	Additional information	Resolve the Identity unit with the creation of a final outcome(s).	Resolve the Identity unit with the creation of a final outcome(s).	The process from the Identity unit is repeated in a condensed format to answer the students chosen examination question.	The process from the Identity unit is repeated in a condensed format to answer the students chosen examination question.



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Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)
Business Studies	Main Topics	1. Methods to grow 2. Ownership 3. New Aims and Objectives 4. Product 5. Price 6. Promotion 7. Place 8 Marketing Mix 9. Customer Services 10. Finance to Grow	11. Ratios 12. Use of data to analyse performance 13. Production Methods 14. Impact of Tech 15. Stock 16. Supplier 17. Quality 18. Competitiveness	19. Organisational Structure 20. Communication 21. Ways of Working 22. Recruitment	23. Training and Development 24. Motivation 25. Ethics 26. Globalisation
	Paper 2	<b>2.2 Programming Fundamentals</b> 2.2.2 Data types 2.2.3 Additional Programming Techniques	<b>2.3 Producing Robust Programs</b> 2.3.1 Defensive Design	<b>2.3 Producing Robust Programs</b> 2.3.2 Testing  <b>2.4 Boolean Logic</b> 2.4.1 Boolean Logic	<b>2.5 Programming Languages and Integrated Development Environments</b> 2.5.1 Languages 2.5.2 The Integrated Development Environment



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Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)	
Drama	Main Topics	Component 1 - Section C Live Theatre – Billy Elliot	Component 1 – mock exam preparation	Component 3 – scripted/design preparation	Component 3 – recorded practical exam	Component 1 – GCSE written exam
	Additional information	<i>Analysis and Evaluation of Live Theatre and SCHP Context exploration</i> Detailed Feedback Given on Prewritten Responses and Time Given to Reflect/Improve	<i>Analysis and Evaluation of Live Theatre</i> Detailed Feedback Given on Responses and Time Given to Reflect/Improve Revision Booklets and Practice Questions	<i>Develop the ability to interpret texts, create and communicate meaning</i> Interpret Texts Communicate and Create Meaning Realise Artistic Intention in Text-Based Drama Create Realised Designs	<i>A further 20% of overall GCSE Drama complete</i> Characteristics of Performance and Dramatic Works The Skills Demonstrated by Performers and how Successfully Meaning was Communicated	What Messages the Company may be trying to Communicate Relationships between Performers and Audience Spaced Retrieval Practice Questions Design Skills Demonstrated in the Performance
French	Main Topics	Discussing jobs and work preferences.	Gap years and apprenticeships Voluntary work  Environmental issues	Global issues- environmental protection  Social issues—Poverty/ homelessness	Review of themes and subtopics.(1-12) Test and Revise units.	
	Additional information	Expressing future plans using a range of structures. Translating more complex structures. Expressing opinions in a variety of ways.	Roleplays Translating questions in different tenses Nov. Mock GCSE speaking exam Reading/ Listening/ Writing assessment	Using a range of tenses to express future action The language of solutions February- Mock exams – Listening, Reading, Writing	March-Mock GCSE speaking test	



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Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)
Geography	Main Topics	<b>URBAN CHANGE IN THE UK</b> Where do we live? LONDON Urban change creating social and economic opportunities Urban change and impact on the environment Social inequality New housing Stafford regeneration <b>URBAN SUSTAINABILITY</b> Planning for urban sustainability Sustainable living in Freiburg Sustainable traffic management Curitiba Integrated Transport <b>Stafford Fieldwork PAPER 3</b> Fieldtrip Location Risk assessment Data presentation Data collection methods Conclusions Evaluations Improvements.	<b>RESOURCES</b> The significance of food, water and energy to Economic and social well-being. An overview of global inequalities in the supply and consumption of resources. Areas of surplus (security) and deficit (insecurity): Global distribution of energy consumption and supply reasons for increasing energy consumption: economic development, rising population, technology Factors affecting energy supply: physical factors, cost of exploitation and production, technology and political factors. Impacts of energy insecurity – exploration of difficult and environmentally sensitive areas, economic and environmental costs, food production, industrial output, potential for conflict where demand exceeds supply. Overview of strategies to increase energy supply: Renewable (biomass, wind, hydro, tidal, geothermal, wave and solar) and non-renewable (fossil fuels and nuclear power) sources of energy	<b>RESOURCES MAY CONTINUED FROM WINTER TERM.</b> An <b>example</b> to show how the extraction of a fossil fuel has both advantages and disadvantages. Moving towards a sustainable resource future: Individual energy use and carbon footprints. Energy conservation: designing homes, workplaces and transport for sustainability, demand reduction, use of technology to increase efficiency in the use of fossil fuels An <b>example</b> of a local renewable energy scheme in an LIC or NEE to provide sustainable supplies of energy. <b>THE DEVELOPMENT GAP</b> Our unequal world and measuring development The DTM and population pyramids Causes of uneven development Uneven development: wealth and health, and migration Reducing the gap: aid and intermediate technology, fair trade, debt relief and tourism CASE STUDY Jamaica	<b>NIGERIA: A NEWLY-EMERGING ECONOMY</b> Exploring Nigeria Nigeria in the wider world Balancing a changing industrial structure Impacts of Transnational corporations Impact of international aid Managing environmental issues Quality of life <b>THE CHANGING UK ECONOMY</b> Changes in the UK economy Post-industrial economy UK science and business parks Environmental impacts of industry, Car industry Changing rural landscapes Changing transport infrastructure North-south divide UK and the Wider World.  PRE – RELEASE PAPER 3 Decision making exercise. Released by the exam board at the end of March.



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Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)
German	Main Topics	Future study and employment – talking about jobs, job applications, dream jobs and learning languages	Future study and employment – talking about jobs, job applications, dream jobs and learning languages	Local, national, international and global areas of interest – talking about festivals and events, social problems affecting young people, the environment and charity work	Revision of Listening, reading, writing. Speaking exam revision: conversation questions, German phonics, role-play skills, picture task
	Additional information	Using conjunctions and sequencers Using a variety of tenses Further developing use of complex structures	November – Mock GCSE speaking test Assessment Listening, Reading and Writing	Forming questions Coping with dates and numbers Using the comparative and superlative Using subordinate clauses Awareness of the passive	March – Mock GCSE speaking test
History	Main Topics	Germany Under The Nazis	Conflict and Tension Origins of Cold War	Development of Cold War	Transformation of Cold War
	Additional information	<ul style="list-style-type: none"> <li>• Women in Nazi Germany</li> <li>• Children and Youth</li> <li>• The impact of Nazism on Christianity</li> <li>• Resistance and opposition</li> <li>• Fear and repression</li> <li>• Holocaust</li> <li>• Germany in WW2</li> </ul>	<ul style="list-style-type: none"> <li>• The situation in 1917-42</li> <li>• The ideological differences</li> <li>• The impact of war</li> <li>• The Conferences</li> <li>• The Soviet Takeover of Europe.</li> <li>• Marshall Plan and Truman Doctrine</li> <li>• Berlin Blockade</li> </ul>	<ul style="list-style-type: none"> <li>• China 1949</li> <li>• Korean War</li> <li>• Vietnam Origins</li> <li>• Hungarian Crisis 1956</li> <li>• Arms Race</li> <li>• Space Race</li> <li>• Warsaw Pact</li> <li>• Espionage and Red Scare</li> <li>• U2 Spy plane</li> </ul>	<ul style="list-style-type: none"> <li>• Berlin Wall</li> <li>• Cuban missile crisis</li> <li>• Czechoslovakian crisis 1968</li> <li>• Détente</li> <li>• Assessment</li> </ul>



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Subject		HT1 (Sept-Oct)	HT2 (Nov-Dec)	HT3 (Jan-Feb)	HT4 (March-April)
Media Studies	Main Topics	<ul style="list-style-type: none"> <li>NEA – Creating Double page</li> <li>Television - Vigil, Series 1, Episode 1, BBC 1 and The Avengers, Series 4, Episode 2, 'The Gravediggers', ITV – synoptic unit.</li> </ul>	<ul style="list-style-type: none"> <li>Review of NEA – improvements.</li> <li>Advertising and marketing - Media language Media representations Media audiences</li> </ul>	<ul style="list-style-type: none"> <li>Videogames - Media industries Media audiences Media language Social, cultural contexts</li> </ul>	<ul style="list-style-type: none"> <li>Revision</li> </ul>
	Additional information	<b>NEA</b> – Review of front cover and working on double Page spread <b>Assessment</b> – 1960s news context, Television	<b>NEA</b> – Review of both pieces and work to final completion.  <b>Assessment</b> – Film and Television	<b>Assessment</b> – Music and Videogames	Practice exam questions will take place in lessons, alongside revision, retrieval and completion of any remaining content.
Music	Main Topics	<b>Esperanza Spalding Samba Em Preludio Finish Composition 1 (Free) Start Composition 2</b>	<b>J. S Bach Brandenburg Concerto No. 5 in D Major Composition 2 completed</b>	<b>Beethoven Piano Sonata 'Pathetique' Solo Performance Recordings Final Compositions handed in</b>	<b>Revision Activities/ Practice Questions Ensemble Performance Recording</b>
	Additional information	For each set work, you will look at the context of the piece/ song and at how the following elements are used: Melody, Harmony,, Dynamics, Metre, Tempo, Rhythm, Structure, Tonality, Instrumentation	For each set work, you will look at the context of the piece/ song and at how the following elements are used: Melody, Harmony,, Dynamics, Metre, Tempo, Rhythm, Structure, Tonality, Instrumentation	For each set work, you will look at the context of the piece/ song and at how the following elements are used: Melody, Harmony,, Dynamics, Metre, Tempo, Rhythm, Structure, Tonality, Instrumentation	For each set work, you will look at the context of the piece/ song and at how the following elements are used: Melody, Harmony,, Dynamics, Metre, Tempo, Rhythm, Structure, Tonality, Instrumentation
PE	Core	Students complete a rota of activities throughout Year 11 and different sets will complete different activities at different times. Unfortunately, much of the PE curriculum is also weather dependent. Throughout Year 11, students will complete modules in: Outdoor Adventure/Fitness, Handball, Water based activities, Striking & Fielding, Football, Rugby, Netball/Basketball, Table Tennis, Yoga/Dance. Throughout their PE lessons, they will also develop the following skills:			
		<b>Leadership</b>	<b>Communication</b>	<b>Resilience</b>	<b>Self-Management</b>
		Lead a sport specific Skill or warm up	Be part of a team that faces and tries to outwit opponents in a variety of challenges/in full games/activities	Be able to work as an individual or as part of a team, over a sustained period of time (at least 30 mins)	Be able to manage your own skills to be able to play a variety of roles within a group/team in a full sided game/activity
	GCSE	Sports Psychology	Social-Cultural Issues	Health and Fitness	





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PSHE	Main Topics	Living in the wider world	Health and wellbeing	Relationships	RE
	Additional information	<ul style="list-style-type: none"> <li>Careers Talk: Post 16 options</li> <li>Choosing your Post 16 pathway</li> <li>What are my employability skills</li> <li>Apprenticeships v University</li> <li>AI – a threat to our jobs?</li> <li>Unifrog</li> </ul>	<ul style="list-style-type: none"> <li>Perseverance and Procrastination</li> <li>The importance of sleep</li> <li>Exam Stress</li> <li>Self-Care</li> <li>Change, Loss and grief</li> <li>Promoting Mental health</li> </ul>	<ul style="list-style-type: none"> <li>Positivity and happiness</li> <li>Family Life 1</li> <li>Family Life 2</li> <li>Family Life 3</li> <li>Pornography 1</li> <li>Pornography 2</li> </ul>	<ul style="list-style-type: none"> <li>Family</li> <li>Friendship</li> <li>Marriage</li> <li>Sex before Marriage</li> <li>Gender</li> </ul>
Technology	Graphics, Resistant, Materials, Textiles	<b>Section C</b> <ul style="list-style-type: none"> <li>Initial ideas</li> <li>Iterative ideas</li> <li>Sampling of techniques; photographed</li> </ul> <b>Section D</b> <ul style="list-style-type: none"> <li>Developed ideas</li> <li>Modelled examples</li> <li>Final design</li> <li>Manufacturing Specification</li> </ul>		<b>Section E</b> <ul style="list-style-type: none"> <li>Construction of prototype</li> <li>Step by step photographs of manufacture</li> </ul> <b>Section F</b> <ul style="list-style-type: none"> <li>Evaluation of final product</li> <li>Testing and suggested Modifications of the product</li> </ul> <b>SUBMISSION OF NEA COURSEWORK Portfolio and Product</b>	<b>EXAM PREPARATION</b> <ul style="list-style-type: none"> <li>Revision of Section A – Core technology</li> <li>Revision of Section B – Specialist Technical principles</li> <li>Revision of Section C – Design and Making Principles</li> </ul>
	Food Preparation and Nutrition	<b>NEA 1 [coursework]</b> from 1 <sup>st</sup> September <ul style="list-style-type: none"> <li>Introduction to exam board brief</li> <li>Research and hypothesis</li> <li>Preparing investigations</li> <li>Conduction of investigations to prove /disprove hypothesis</li> <li>Analysis of findings</li> </ul>		<b>NEA 2 [ coursework ]</b> from <ul style="list-style-type: none"> <li>Introduction to exam board brief</li> <li>Research and analysis</li> <li>Visit into school from local chefs</li> <li>Focus on core skills and development of 3 course menu</li> <li>Nutritional labelling</li> <li>Costing of ingredients</li> <li>Sensory evaluation</li> </ul> <b>FOOD PRACTICAL EXAM</b>	<b>EXAM REVISION</b> <ul style="list-style-type: none"> <li>Macro and micro nutrition</li> <li>Energy balance</li> <li>Recipe modification</li> <li>Food safety</li> <li>Cooking methods</li> <li>Preservation</li> <li>Food provenance</li> <li>Sustainability</li> <li>Exam technique</li> </ul>