

# Year 12 Curriculum Overview

	Cycle 1	Cycle 2	Cycle 3
<b>Art</b>	Exploring painting and drawing as the fundamentals of art in order to capture light	Personal project based on printmaking in a range of media	Personal study: Students develop their own direction and create a body of work supported by essay
<b>Biology</b>	Module 2 Foundations in Biology	Module 3 Exchange and Transport Module 4 Biodiversity Evolution and Disease	Module 5 Communication Homeostasis and Energy
<b>Business Studies</b>	Theme 1 Marketing and People 1.1 Meeting customer needs 1.2 Market Theme 2 Managing Business Activities 2.2 Financial planning 2.3 Managing finance	Theme 1 1.3 Marketing mix and strategy 1.4 Managing people Theme 2 2.5 External influences 2.1 Raising finance	Theme 1 1.5 Entrepreneurs and leaders Theme 2 2.4 Resource management
<b>Chemistry</b>	<b>Physical:</b> Atomic structure; Bonding; Amount of substance; Energetics <b>Organic:</b> Introduction to organic chemistry	<b>Physical:</b> Rates; Equilibria <b>Inorganic:</b> Redox and group chemistry <b>Organic:</b> Reactions of organic compounds; Organic analysis <b>Practical work</b>	<b>Physical:</b> Rates part 2 <b>Inorganic:</b> Redox and group chemistry <b>Organic:</b> Aromatic chemistry
<b>Drama</b>	Set Text Performance and Written: Bronte by Polly Teale	Mock devising through: Practitioners and Live Theatre	Devising and Portfolio Log
<b>Economics</b>	Nature of Economics & How markets work Measures of economic performance	How markets work & Market Failure Aggregate Demand/Supply, National Income & Economic Growth	Market Failure & Government Intervention Macroeconomic objectives and policies
<b>English Literature</b>	Drama: Othello Drama: A Streetcar Named Desire	Prose: The Handmaid's Tale and Frankenstein Coursework introduction	Poetry: Poems of the Decade Prose comparison Coursework: preparation
<b>Film Studies</b>	Introduction to Film Studies Hollywood 1930-1990	Silent Cinema Global Film	American film since 2005 Documentary
<b>French</b>	Traditional and modern family values Cyber society Cultural heritage	The role of volunteering Francophone music Film: La Haine	Cinema: the 7 <sup>th</sup> art form Film: La Haine
<b>Geography</b>	Physical geography: Tectonics Processes and Hazards Human geography: Globalisation	Physical Geography: Coastal Landscapes Human geography: Regenerating Places	Physical Geography: Water Cycle Human geography: Superpowers

<b>Government and Politics</b>	UK: Constitution UK: Parliament UK: Democracy and Participation UK: Political Parties
<b>History</b>	Tudors: Consolidation of Authority - Henry VII Cold War: Origins in Europe and Asia
<b>Mathematics</b>	<b>Pure:</b> Algebraic methods, proof, graphs <b>Statistics:</b> Probability, data analysis and representation <b>Mechanics:</b> Constant acceleration and 2-D motion
<b>Further Mathematics</b>	Mathematics A-Level content studied in Year 12.  <b>Pure:</b> Algebraic methods, proof, graphs, calculus, trigonometry, exponentials and logarithms <b>Statistics:</b> Probability and distributions, data analysis and representation <b>Mechanics:</b> Forces and motion, constant acceleration
<b>Physics</b>	Particle Physics, Waves
<b>Psychology</b>	Research Methods Approaches in Psychology
<b>Philosophy and Religion</b>	<b>Christianity:</b> Sources of Wisdom & Authority; Nature of God <b>Philosophy:</b> Existence of God, Evil & Suffering
<b>Sociology</b>	Introduction to Sociology Education Households and Families
<b>Spanish</b>	Traditional and modern family values The influence of idols

UK: Prime Minister UK: Judiciary UK: Elections UK: Voting Behaviour and Media
Tudors: Reformation and Instability - Henry VIII Cold War: The Global Cold War
<b>Pure:</b> Binomial expansion, calculus (differentiation), trigonometry <b>Statistics:</b> Sampling, correlation, probability distributions <b>Mechanics:</b> Forces and motion
Mathematics A-Level content studied in Year 12.  <b>Pure:</b> Trigonometry, Calculus, algebraic methods, sequences and series <b>Statistics:</b> Hypothesis testing, linear regression <b>Mechanics:</b> Moments, projectiles
Light, Electricity
Social Influence Memory
<b>Christianity:</b> Self, Death, & Afterlife; Good Conduct & Key Moral Principles <b>Philosophy:</b> Religious Experience; Normative Ethics
Education in Context Households and Families Research Methods
Cybersociety Regional identity in Spain

Political Ideas: Liberalism Political Ideas: Conservatism Political Ideas: Socialism Political Ideas: Nationalism
Tudors: Mid-Tudor Crisis – Edward VI and Mary I Cold War: Détente and the Second Cold War
<b>Pure:</b> Calculus (integration), exponentials and logarithms, sequences and series <b>Statistics:</b> Hypothesis testing, linear regression <b>Mechanics:</b> Variable acceleration
Mathematics A-Level content finished: Further calculus, numerical methods, conditional probability, the normal distribution, dynamics and statics, friction  Then review + start Further Mathematics content. <b>Core Pure:</b> Series, proof by induction, complex numbers, matrices, further algebra <b>Further Statistics:</b> Discrete probability distributions <b>Further Mechanics:</b> 1-D momentum, conservation of energy
Mechanics, Materials
Attachment Psychopathology
<b>Christianity:</b> Expressions of Religious Identity; Intro to Yr13 (Christianity and Gender/Sexuality) <b>Philosophy:</b> Application of Ethical Theories; Intro to Yr13 (Religious Language)
Crime and Deviance Mass Media
Gender equality Cultural heritage

<b>Applied Science BTEC</b>	Unit 1: Principles and Applications of Science I Unit 3: Science Investigation Skills Unit 4: Laboratory Techniques and their Applications Unit 8: Physiology of Human Body Systems Unit 12: Diseases and Infections
<b>Business Studies BTEC</b>	Unit 1 Exploring Business Unit 4 Managing Events Unit 16 Visual Merchandising Unit 17 Digital Marketing
<b>Health and Social Care BTEC</b>	Exam units: Unit 2: Working in H&SC Unit 3: Anatomy and Physiology Assignment units: Unit 8: Public Health Unit 10: Sociological Perspectives Unit 17: Dementia
<b>Media Studies BTEC</b>	Exam Unit: Unit 1 – Media Representations Assignment units: Unit 20 – Single camera techniques
<b>Sport BTEC</b>	Unit 1: Anatomy and Physiology Unit 7: Practical Sport Performance

Unit 1: Principles and Applications of Science I Unit 3: Science Investigation Skills Unit 4: Laboratory Techniques and their Applications Unit 8: Physiology of Human Body Systems Unit 10: Biological Molecules and Metabolic Pathways
Unit 2 Marketing Unit 3 Finance Unit 19 Starting a Business Unit 27 Work Experience
Exam units: Unit 2: Working in H&SC Unit 3: Anatomy and Physiology Assignment units: Unit 8: Public Health Unit 10: Sociological Perspectives Unit 17: Dementia
Exam Unit: Unit 5 – Specialist Subject Investigation Assignment units: Unit 15 – Advertising Production Unit 4 – Pre-Production Portfolio Unit 10 – Film production: Fiction
Unit 1: Anatomy and Physiology Unit 7: Practical Sport Performance

Film: Volver
Unit 1: Principles and Applications of Science I Unit 2: Practical Scientific Procedures and Techniques Unit 3: Science Investigation Skills Unit 8: Physiology of Human Body Systems Unit 10: Biological Molecules and Metabolic Pathways
Exams &  Unit 19 Starting a Business Unit 27 Work Experience
Exam units: Revision and exams (externally assessment)  Assignment units Unit 8: Public Health Unit 10: Sociological Perspectives Unit 17: Dementia  Unit 6: Work experience
Exam Unit: Unit 5 - Specialist Subject Investigation Assignment units: Unit 14 – Digital Magazine Production Unit 4 – Pre-Production Portfolio Unit 10 – Film production: Fiction
Unit 1: Revision Unit 7: Practical Sport Performance

# Year 13 Curriculum Overview

	Cycle 1	Cycle 2	Cycle 3
<b>Art</b>	Personal study: Students develop their own direction and create a body of work supported by essay	Externally set assignment – theme set by exam board and person project developed in lead up to exam	Externally set assignment – theme set by exam board and person project developed in lead up to exam
<b>Biology</b>	Module 5 Communication homeostasis and Energy Module 6 Genetics evolution and ecosystems	Module 6 Genetics evolution and ecosystems Revision and exam preparation	Revision and exam preparation
<b>Business Studies</b>	Theme 3 Business Decisions and Strategy Theme 4 Global Business	Theme 3 Business Decisions and Strategy Theme 4 Global Business	Revision and exam preparation
<b>Chemistry</b>	<b>Physical:</b> Acids and Bases; Electrochemistry <b>Inorganic:</b> Transition Metals and Complex Ions <b>Organic:</b> Amines and Condensation Polymers; Amino Acids, Proteins and DNA <b>Practical work</b>	<b>Inorganic:</b> Transition Metals and Complex ions <b>Organic:</b> Organic Analysis <b>Revision:</b> AS Organic Chemistry, Benzene, Redox, Thermodynamics, Rates, Electrochemistry <b>Practical work and catch up</b>	Revision and exam preparation
<b>Drama</b>	Set Text Overall Written Concept: Accidental Death of an Anarchist by Dario Fo	Scripted Performance and Live Review	Written Exam Review: Bronte, Accidental Death and Live Review
<b>Economics</b>	Business growth & objectives International economics	Revenues & Costs, Market Structures Poverty & Inequality, Emerging & Developing economies	Labour Market & Government Intervention The financial sector & The role of the state in the economy
<b>English Literature</b>	Poetry: Poems of the Decade comparison Poetry: John Keats Coursework	Coursework Revision and exam preparation	Revision and exam preparation
<b>Film Studies</b>	Experimental Film Coursework	British Film	Revision
<b>French</b>	NA	NA	NA
<b>Geography</b>	NEA: Investigating the regeneration of Stratford and the coastal landscapes of Eastbourne Human Geography: Migration, Identity and Sovereignty	NEA: Investigating the regeneration of Stratford and the coastal landscapes of Eastbourne Paper 3: Synoptic links in geography	Revision and exam preparation

<b>Government and Politics</b>	USA: Constitution USA: Congress USA: Presidency
<b>History</b>	Tudors: The 'Golden Age' - Elizabeth I Cold War: End of the Cold War Non-Examined Assessment
<b>Mathematics</b>	<b>Pure:</b> Functions, trigonometry, calculus <b>Statistics:</b> Hypothesis testing for correlation, conditional probability <b>Mechanics:</b> Projectiles, friction, statics
<b>Further Mathematics</b>	<b>Core Pure:</b> Linear transformations, vectors, polar coordinates, differential equations <b>Further Statistics:</b> Further statistical distributions, hypothesis testing, the Central Limit Theorem <b>Further Mechanics:</b> Elastic collisions, power, momentum
<b>Physics</b>	Nuclear Physics, Magnetism
<b>Psychology</b>	Research Methods Issues and Debates Eating Gender
<b>Religious Studies</b>	<b>Christianity:</b> Sexuality & Gender; Science <b>Philosophy:</b> Religious Language, Miracles; Self, Death & Afterlife
<b>Sociology</b>	Crime and Deviance Mass Media
<b>Spanish</b>	Immigration Racism Book: La Casa de Bernarda Alba
<b>Applied Science BTEC</b>	Unit 5: Principles and Applications of Science II Unit 6: Investigative Project Unit 7: Contemporary Issues in Science Unit 11: Genetics and Genetic Engineering Unit 14: Applications of Organic Chemistry

USA: Supreme Court USA: Democracy and Participation Revision
Revision and exam prep
<b>Pure:</b> Further calculus, numerical methods, vectors, revision <b>Statistics:</b> The normal distribution, revision <b>Mechanics:</b> Dynamics, Calculus, revision
<b>Core Pure:</b> Further complex numbers, further calculus, hyperbolic functions, revision <b>Further Statistics:</b> Chi squared tests, probability generating functions, evaluating quality of tests, revision <b>Further Mechanics:</b> Elastic energy, oblique collisions, revision
Rotational Motion, Thermodynamics, Practicals
Aggression Biopsychology
<b>Christianity:</b> Secularisation; Pluralism; Dialogues <b>Philosophy:</b> Meta-Ethics; Free Will & Moral Responsibility; Conscience; Bentham & Kant
Theories Revision
Cohabitation Youngsters of today, citizens of tomorrow Monarchies and dictatorships
Unit 5: Principles and Applications of Science II Unit 6: Investigative Project Unit 7: Contemporary Issues in Science Unit 11: Genetics and Genetic Engineering Unit 14: Applications of Organic Chemistry

Revision
<b>Pure:</b> Revision <b>Statistics:</b> Revision <b>Mechanics:</b> Revision
<b>Core Pure:</b> Revision <b>Further Statistics:</b> Revision <b>Further Mechanics:</b> Revision
Revision
Revision
<b>Christianity:</b> Revision and Exam Practice <b>Philosophy:</b> Revision and Exam Practice
Revision
Popular movements and strikes Film: Volver Book: La Casa de Bernarda Alba
Unit 5: Principles and Applications of Science II Unit 6: Investigative Project Unit 7: Contemporary Issues in Science Unit 11: Genetics and Genetic Engineering Unit 14: Applications of Organic Chemistry

	Unit 20: Biomedical Science
<b>Business Studies BTEC</b>	Unit 6 Principles of Management Unit 7 Decision Making Unit 16 Visual Merchandising
<b>Health and Social Care BTEC</b>	Exam unit Unit 1: Human lifespan development Assignment units Unit 5 Meeting individual needs Unit 7 Safe practices Unit 18 Child Development Unit 19 Nutrition Unit 20 Mental Health
<b>Media Studies BTEC</b>	Exam Unit: Unit 8 – Responding to a Commission Assignment Units: Unit 17 – News Production Unit 20 – Single Camera Techniques
<b>Sport BTEC</b>	Unit 3: Professional development in the sports industry Unit 4: Sports Leadership

	Unit 20: Biomedical Science
	Unit 6 Principles of Management Unit 7 Decision Making Unit 16 Visual Merchandising
	Exam unit Unit 1: Human lifespan development Revision Assignment units Unit 5 Meeting individual needs Unit 7 Safe practices Unit 18 Child Development Unit 19 Nutrition Unit 20 Mental Health
	Exam Unit: Unit 3 – Digital Media Skills Assignment Units: Unit 2 – Working in the Creative Media Industry Unit 6 – Media Campaigns
	Unit 3: Professional development in the sports industry Unit 4: Sports Leadership

	Unit 20: Biomedical Science
	Unit 5 International Business Unit 8 Recruitment and Selection Process
	Exam unit Unit 1: Human lifespan development Exam (Jan) Assignment units Unit 5 Meeting individual needs Unit 7 Safe practices Unit 18 Child Development Unit 19 Nutrition Unit 20 Mental Health
	Exam Unit: Unit 3 – Digital Media Skills Assignment Units: Unit 2 – Working in the Creative Media Industry
	Unit 3: Professional development in the sports industry Unit 4: Sports Leadership