

WLA Curriculum Map – KS5

12	Subject	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
	Art & Photography	Mini Personal Project		Personal Investigation			
	Applied Science	Structure and functions of cells and tissues Periodicity and properties of elements Waves in communications			Periodicity and properties of elements Physiology of Human Body Systems		
	Biology	Communicable diseases Nucleotides and nucleic acids	Biological molecules Biological membranes	Cell structure Enzymes	Cell division Classification and evolution	Exchange surfaces and breathing Biodiversity	Transport in animals Transport in plants
	Business Studies	Exploring Business			Developing a Marketing Campaign		
	Chemistry	Physical Amount of substance	Physical Atomic structure	Physical Bonding	Physical Kinetics & energetics	Physical Equilibria, redox & group 7	Physical Thermodynamics
		Organic Intro to organic Chemistry	Organic Alkanes and halogenoalkanes	Organic Alkenes and alcohols	Organic Organic analysis	Inorganic Group 2	Inorganic Isomerism and carbonyl compounds
	Engineering	Engineering Principles Delivery of Engineering Processes safely as part of a team. Engineering Product Design and Manufacture	Engineering Principles Engineering Product Design and Manufacture	Engineering Principles Delivery of Engineering Processes safely as part of a team. Engineering Product Design and Manufacture	Engineering Principles Engineering Product Design and Manufacture	Engineering Principles Exam Practice Engineering Product Design and Manufacture Exam Practice	Engineering Principles Engineering Product Design and Manufacture
	English Language	Language change Language and representations		Language and gender Language and representations	Language and region/ethnicity Child Language Acquisition	Language and social groups Child Language Acquisition	Language and occupation Child Language Acquisition
	English Literature	A Handmaid's Tale The Great Gatsby		A Streetcar Named Desire Pre-1900 poetry	Pre-1900 poetry/Unseen Poetry A Streetcar Named Desire	Non-examined Assessment /Compare Othello	
Forensics	Structure and functions of cells and tissues Periodicity and properties of elements Waves in communications Forensic Traffic Investigation		Structure and functions of cells and tissues Periodicity and properties of elements Waves in communications Forensic Investigation Procedures in Practice	Periodicity and properties of elements Forensic Investigation Procedures in Practice Physiology of Human Body Systems			
Further Maths	Complex Numbers Argand Diagrams Algorithms	Graphs & Networks Algorithms on Graphs Series	Matrices Linear Transformations Route Inspection	Momentum & Impulse Roots of Polynomials Proof by Induction	Work, Energy, & Power Linear Programming Vectors	Elastic Collisions in 1D Critical Path Analysis Volumes of Revolution	
Geography	Physical Geography Carbon and water cycle			Physical geography Coasts		Human Geography Contemporary urban environment NEA	
	Human Geography Changing places						
Health & Social Care	Meeting Individual Care and Support Needs			Human Lifespan Development			
History	Industrialisation: Britain and the People -Part 1 Superpower relations and the Cold War - Part 1:						
Information Technology	Using Social Media in Business			Creating Systems to Manage Information			

	Mathematics	Graphs & Transformations Algebraic Expressions Modelling in Mechanics Measures of Location & Spread Straight Line Graphs	Circles Constant Acceleration Algebraic Methods Representations of Data The Binomial Expansion Correlation	Trig Ratios Forces and Motion Vectors Probability	Trigonometric Identities & Equations Statistical Distributions Differentiation Integration	Variable Acceleration Exponentials & Logarithms Regression, Correlation & Hypothesis Testing	Algebraic Methods Moments Functions & Graphs Sequences & Series
	Media Studies	Language and unseen	Representation and Comparison	Industry and audience		Industry and audience Non-examined Assessment	TV Non-examined Assessment
	Psychology	Approaches Research Methods	Social Influence Attachment	Attachment Memory	Memory Psychopathology	Psychopathology Memory	Relationships
	Physics	Mechanics Particles		Mechanics Particles Waves Materials	Waves Materials Electricity	Waves Electricity	Further Mechanics Electricity Fields
	Product Design	Mini/Practice NEA: Research, Design, Making and Evaluating. Theme: Decorative Furniture. Theory: Performance characteristics of papers, boards, polymers and woods.		Performance characteristics of metals. Composite Smart and modern materials Processing and working with papers and boards.		Processing and working with woods	Processing and working with metals. Controlled assessment research
	Sociology	Education and Families and Households					Introduction to crime and beliefs in society
	Sport	Anatomy and Physiology The Skeletal and Muscular System Application of Fitness Testing	Anatomy and Physiology The Respiratory System Application of Fitness Testing	Anatomy and Physiology The Cardiovascular System Application of Fitness Testing	Anatomy and Physiology The Energy Systems Application of Fitness Testing	Application of All Systems to The Body in Sport Exam Preparation Application of Fitness Testing Coursework Completion	Internal and external examined assessment



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Subject	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Art & Photography	Personal Investigation			Unit 2 Exam		
Applied Science	Waves in communications External Synoptic on Practical Skills	Periodicity and properties of elements External Synoptic on Practical Skills	Practical Scientific Procedures and Techniques		Practical Scientific Procedures and Techniques Revision	Revision
Biology	Classification and Evolution Cellular control Transport in plants Ecosystems	Patterns of inheritance Manipulating genomes Populations and sustainability Cloning and biotechnology	Hormonal communication Communication and homeostasis	Animal Responses Excretion as an example of homeostatic control	Plant responses Neuronal communication	Photosynthesis Respiration Animal responses
Business Studies	Personal and Business Finance			Investigating Customer Service		
Chemistry	Physical Thermodynamics & rate equations Organic Isomerism and carbonyl compounds	Physical Acids and bases Organic Aromatic compounds and amines	Physical Electrode potentials & Transition metals Organic Polymers & Amino acids, proteins and DNA	Physical Transition metals & period 3 Organic Further synthesis and analysis	Revision	
English Language	World Englishes Child Language Acquisition	World Englishes & revision of language and ethnicity Child Language Acquisition Language and representations	Language change Child Language Acquisition Language and representations	Sociolinguistics Child Language Acquisition Language and representations	Revision	
English Literature	Skirrid Hill Othello	Skirrid Hill Unseen Poetry	Revision			
Forensics	Waves in communications External Synoptic on Practical Skills Applications of Criminology	Periodicity and properties of elements External Synoptic on Practical Skills Applications of Criminology	Practical Scientific Procedures and Techniques Applications of Criminology	Practical Scientific Procedures and Techniques Applications of Criminology	Practical Scientific Procedures and Techniques Applications of Criminology Revision	Revision
Further Maths	Complex Numbers Travelling Salesman Elastic Strings & Springs	This Simplex Algorithm Series Elastic Collisions in 2D Methods in Calculus	Volumes of Revolution Polar Coordinates Methods in Differential Equations	Hyperbolic Functions Modelling with Differential Equations	Revision	
Geography	Physical Geography Ecosystems under stress		Revision			
	Human Geography Contemporary Urban Environments NEA	Human Geography Global systems Global governance NEA				
Health & Social Care	Working in Health and Social Care			Supporting Individuals with Additional Needs		
History	Industrialisation: Britain and the People -Part 2 Superpower relations and the Cold War - Part 2					
Information Technology	Information Technology Systems			Data Modelling		
Mathematics	Forces & Motion Binomial Expansion	Projectiles Trigonometry & Modelling	Differentiation Numerical Methods	Normal Distribution Integration	Further Kinematics Vectors	Revision

		Radians Conditional Probability Trigonometric Functions	Parametric Equations Application of Forces				
Media Studies		TV Newspapers Non-examined Assessment	TV Newspapers Non-examined Assessment	Magazines	Online Digital Media		Revision
Performing Arts		Investigating Practitioner's Work Group Performance Workshop	Investigating Practitioner's Work	Investigating Practitioner's Work Group Performance Workshop	Group Performance Workshop	Optional Unit Contemporary Dance Acting Styles	Optional Unit Contemporary Dance Acting Styles
Physics		Fields Astrophysics Further Mechanics		Electromagnetism Astrophysics Nuclear Physics	Electromagnetism Astrophysics Nuclear Physics Thermal Physics	Electromagnetism Astrophysics Nuclear Physics Thermal Physics Revision	Revision
Product Design		Controlled assessment: initial design stage, design development, final design, make and evaluate product Processing and working with woods			Processing and working with metals	Revision	
Sociology		Crime and Deviance		Beliefs in Society	Methods and theory	Revision	
Sport		Fitness Training and Programming for Health, Sport and Well- being. Professional Development in the Sports Industry		Fitness Training and Programming for Health, Sport and Well- being. Professional Development in the Sports Industry External Examination preparation	Fitness Training and Programming for Health, Sport and Well- being. Internal Coursework completion Professional Development in the Sports Industry	Revision	

