Yardleys Curriculum Aims

- To achieve academic excellence
- To educate the 'whole child' so they are ready for life
- To work collaboratively and ethically to provide education of the highest standard

Key Stage 4

Subject	Autumn	Spring	Summer
Art	Portraiture & Print Making	Photoshop and Final Piece Composition	Sustained Focus: Identity
	Sustained Focus: Identity	Component 2: Externally Set Assignment	
Biology	Ecosystems and Material cycles	Key Concepts	Exchange and Transport in Animals	Plant Structures and their Functions
	Plant Structures and their Functions	Animal Coordination, Control and Homeostasis	Cells and Control	Health, Disease and the Development of Medicines	Cells and Control
	Cells and Control and Genetics	Natural Selection and Genetic Modifications	Synoptic Revision and High Frequency Questions	
Chemistry	Matter and Separating Mixtures	Atoms, Periodic Table, Ionic Bonding and Properties	Covalent, Metallic Bonding with Properties	Formulas, Equations and Groups in the Periodic Table	Calculations Involving Masses
	Chemical Changes 1 (Acids, Alkalis and Salts)	Chemical Changes 2 (Electrolysis)	Rates and Energy Changes	Metals and Extraction	Chemical Equilibria
	Quantitative Analysis Fuels and Earth Science	Qualitative Analysis and Hydrocarbons	Organic Chemistry and Materials	Synoptic Links and Revision	
Computer Science	Architecture Memory and Storage Programming	Computer Networks Programming	Systems Software Issues and Programming
	Algorithms, Programming Techniques Robust Programs, IDE	Boolean Logic Revision	

Drama	Performance and Response			Devising Drama		Performance and Response
	Presenting and Performing Texts/Devising Drama	Performance and Response		Performance and Response Revision		
English	'Frankenstein'			'Romeo and Juliet'	Long Writing (Room 101)	Conflict Poetry Anthology (Comparison) & Unseen Poetry	'Animal Farm'
	Language (grouped by skill, i.e. Evaluation)			Interleaving of Literature and Language			
Geography	UK Physical Landscapes	Challenges in the Urban Environment			The Living World		Urban Issues fieldwork/The Living World fieldwork
	The Changing Economic World			Resource Management	Exam preparation - pre-release materials		
History	Elizabeth			Migrants		Mughals	
	History Around Us – Kenilworth Castle	Nazi Germany					
Year 10 – Creative Media Production	COMP 1,2&3: Content, Theory & Skills			COMP 1 Prep	COMP 1 NEA	COMP 2 NEA Prep	
Year 11 – Creative iMedia	RO98			RO98/93	RO93		
IT	Component 1 - Exploring User Interface Design Principles and Project Planning Techniques Component 3 - Effective Digital Working Practices			Component 1 - Exploring User Interface Design Principles and Project Planning Techniques Component 3 - Effective Digital Working Practices		Component 2 - Collecting, Presenting and Interpreting Data Component 3 - Effective Digital Working Practices	
	Component 2 - Collecting, Presenting and Interpreting Data			Component 3 - Effective Digital Working Practices			
Maths (Foundation)	Factors, Multiples, Powers & Roots Rounding & Estimation Basic Angles & Parallel Lines Bearings, Maps & Scales Indices Expand & Factorise (Single Brackets) FDP: Equivalence & Four Rules % of an Amount Expressing as a %			Substitution Solving Linear Equations Angles in Tringles & Quads Angles in Polygons Pie Charts Averages & Range Probability Area & Perimeter (inc. Circles) Distance-Time Graphs		Solving & Representing Inequalities RATIO Expand & Factorise (Double Brackets) Standard Form Rearranging Simultaneous Equations Straight Line Graphs y = mx + c	

	Number Sequences Pythagoras & SOH CAH TOA Volume of Prisms Volume & Surface Area of 3D shapes % of an Amount Expressing as a % Proportionality & Best Buys % Change & Reverse % Probability Frequency Trees		Vectors Transformations (TRRE) Congruence & Similarity Review of ANGLES (Basic Angle Facts, Angles in triangles & Quads, Angles in Polygons) Averages & Range from Tables Frequency Tables Scatter Graphs Time Series Straight Line Graphs Quadratic & other Non-Linear Graphs	
Maths (Higher)	Factors, Multiples, Powers & Roots Indices Solving Linear Equations Represent & Solve Inequalities Linear Graphs, y = mx + c Parallel & Perpendicular Lines Inequalities & Regions RATIO Factorise & Solve all types of Quadratics Pythagoras & SOH CAH TOA Sine Rule & Cosine Rule Non-Calc Trig		Angles in Polygons SURDS Direct & Inverse Proportion Perimeter, Circumference & Area Algebraic Fractions Algebraic Proof Probability Probability Trees Venn Diagrams	Cumulative Frequency & Box Plots Histograms Averages from Frequency Tables Percentage Calculations Similarity (Length, Area, Volume) Surface Area & Volume of all 3D shapes Triple Brackets Equating Coefficients Rearranging
	Number Sequences Iteration Functions & Inverse Functions Identities & Brackets Factorising ALL quadratics Completing the Square Quadratic Formula Graph Sketching Invariance Pythagoras & SOH CAH TOA Sine & Cosine Rules Non-Calc Trig Circle Theorems Equation of a Circle & Tangents Vectors		Linear Simultaneous Equations Non-Linear Simultaneous Equations Algebraic Fractions Algebraic Proof Gradient to a Curve & Area Under a Curve Error Intervals Cumulative Frequency Histograms Probability & Venns Similarity, Volume & Surface Area Transformations of Graphs	
MFL	Family	Relationships	Home and local area	Media, Technology and Celebrity Culture Customs, Celebrations, Festivals and Holidays
	Education	Future Plans	Customs and festivals	

Year 10 – Music GCSE	AOS4 - Popular Music		AOS2 Music for Ensemble and AOS3 Film Music		AOS1 Musical Forms and Devices
Year 11 – Music Technology	Controversy in Music		Connections in Music		
Physics	Forces and Motion	Forces	Energy	Waves	EM Spectrum
	Radioactivity	Astronomy	Energy (Forces doing work) & Forces and their effects	Electricity and circuits	
	Static Electricity	Magnetism and Motor Effect	Electromagnetic Induction	Particle Model	Forces and Matter
RE	Christian Beliefs	Christian Practices	Islam Beliefs	Islam Practices	
	Religion and Relationships/Religion and Life	Religion and Life/Crime and Punishment	Religion, Peace and Conflict		
Sport Science	Evaluate a fitness training programme Nutrients needed for a healthy, balanced nutrition plan		Applying differing dietary requirements to varying types of sporting activity Developing a balanced nutrition plan for a selected sporting activity		Nutrition and sports performance How nutritional behaviours can be managed to improve sports performance
	Reducing the risks in Sport				