

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	10	Portraiture & Print Making		Photoshop and Final Piece Composition		Sustained Focus: Identity	
	11	Sustained Focus: Identity		Component 2: Externally Set Assignment			
Photography	10	Photography: An Introduction		Digital and Hand Manipulated Techniques		Portraiture	
	11	Sustained Focus: Light Drawing		Component 2: Externally Set Assignment			
Biology	9	Ecosystems and Material cycles		Key Concepts		Exchange and Transport in Animals	Plant Structures and their Functions
	10	Plant Structures and their Functions	Animal Coordination, Control and Homeostasis	Cells and Control		Health, Disease and the Development of Medicines	Cells and Control
	11	Cells and Control and Genetics		Natural Selection and Genetic Modifications		Synoptic Revision and High Frequency Questions	
Chemistry	9	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
	10	Chemical Changes 1 (Acids, Alkalis and Salts)	Chemical Changes 2 (Electrolysis)	Rates and Energy Changes		Metals and Extraction	Chemical Equilibria
	11	Quantitative Analysis Fuels and Earth Science	Qualitative Analysis and Hydrocarbons	Organic Chemistry and Materials		Synoptic Revision and High Frequency Questions	

Physics	9	Forces and Motion		Forces		Energy		Waves		EM Spectrum		
	10	Radioactivity			Astronomy			Energy (Forces doing work) & Forces and their effects			Electricity and circuits	
	11	Static Electricity		Magnetism and Motor Effect		Electromagnetic Induction		Particle Model		Forces and Matter		
Computer Science	10	Architecture Memory and Storage Programming				Computer Networks Programming				Systems Software Issues and Programming		
	11	Algorithms, Programming Techniques Robust Programs, IDE				Boolean Logic Revision						
IT	10	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		
	11	Component 2 - Collecting, Presenting and Interpreting Data				Component 3 - Effective Digital Working Practices						
Drama	10	Missing Dan Nolan				Devising Drama Live Theatre						
	11	Devising Drama Missing Dan Nolan & Live Theatre				Scripted Performance Missing Dan Nolan & Live Theatre						
English	10	'Frankenstein'				'Romeo and Juliet'			Long Writing (Room 101)	Conflict Poetry Anthology (Comparison) & Unseen Poetry		'Animal Farm'
	11	Language (grouped by skill, i.e. Evaluation)				Interleaving of Literature and Language						
Geography	10	UK Physical Landscapes		Challenges in the Urban Environment		Natural Hazards			The Living World		The Living World: Fieldwork	
	11	Urban Issues fieldwork		The Changing Economic World		Resource Management			Exam preparation - pre-release materials			
History	10	Elizabeth				Migrants				Mughals		
	11	History Around Us – Kenilworth Castle				Nazi Germany						
Year 10 – Creative	10	COMP 1,2&3: Content, Theory & Skills				COMP 2 Prep		COMP 2		COMP 1 (Essay) Prep		

Media Production					
Year 11 – Creative iMedia	11	COMP 1	COMP 3 (Exam) Prep	COMP 3	
Maths (Foundation)	10	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 $y = mx + c$	
	11	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)	10	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	
	11	Number Sequences Iteration Functions & Inverse Functions Identities & Brackets Factorising ALL quadratics Completing the Square	Linear Simultaneous Equations Non-Linear Simultaneous Equations Algebraic Fractions Algebraic Proof Gradient to a Curve & Area Under a Curve Error Intervals		

		Quadratic Formula Graph Sketching Invariance Pythagoras & SOH CAH TOA Sine & Cosine Rules Non-Calc Trig Circle Theorems Equation of a Circle & Tangents Vectors		Cumulative Frequency Histograms Probability & Venns Similarity, Volume & Surface Area Transformations of Graphs			
MFL (French and Spanish)	10	Family	Relationships	Home and local area		Media, Technology and Celebrity Culture	Customs, Celebrations, Festivals and Holidays
	11	Education	Future Plans	Customs and festivals			
Music	10	Popular Music		Music for Ensemble		Film Music	
	11	Musical Forms and Devices		NEA: Performance and Composition			
RE	10	Christian Beliefs	Christian Practices		Islam Beliefs		Islam Practices
	11	Religion and Relationships/Religion and Life	Religion and Life/Crime and Punishment		Religion, Peace and Conflict		
Sport Science	10	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	
	11	Reducing the risks in Sport					