

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	
	10	Plant Structures and their Functions		Animal Coordination, Control and Homeostasis		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	
	10	Chemical Changes 1 (Acids, Alkalies and Salts)		Chemical Changes 2 (Electrolysis)		Rates and Energy Changes	
	11	Quantitative Analysis Fuels and Earth Science		Qualitative Analysis and Hydrocarbons		Organic Chemistry and Materials	

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
	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 Triangles & 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
	11	Education	Future Plans	Customs and festivals	Customs, Celebrations, Festivals and Holidays
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			