

The Hayling College

Technology

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39							
	Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2																	
Year 7	Base Line Assessments	Licence to Tech							Data Drop	Licence to Tech							Data Drop	Licence to Tech							Data Drop	Licence to Tech							Data Drop													
		Core Skills Woodworking - Maze Runner Safely using workshop equipment Accurate measuring Planning in detail Core Knowledge Recognising materials-woods Using Components								Core Skills Woodworking - Maze Runner Accurate measuring Planning in detail Evaluating products Core Knowledge Recognising materials-woods Using Components								Core Skills Woodworking - Maze Runner Safely using workshop equipment Accurate measuring Planning in detail Core Knowledge Recognising materials-woods Using Components								Core Skills Woodworking - Maze Runner Accurate measuring Planning in detail Core Knowledge Recognising materials-woods Using Components																				
Year 8	Autumn 1							Autumn 2							Data Drop	Spring 1							Data Drop	Spring 2							Data Drop	Summer 1							Data Drop	Summer 2						
	Grand Designs Core Skills Product Design - Nightlight Basic Electronic Components Soldering Safety Core Knowledge Researching Designing							Grand Designs Core Skills Product Design - Nightlight Shaping Thermoplastics Core Knowledge Designing Evaluating								Grand Designs Core Skills Product Design - Nightlight Constructing refined & stylish products Core Knowledge Evaluating								Grand Designs Core Skills Product Design - Nightlight Basic Electronic Components Soldering Safety Core Knowledge Researching Designing								Grand Designs Core Skills Product Design - Nightlight Shaping Thermoplastics Core Knowledge Designing Evaluating								Grand Designs Core Skills Product Design - Nightlight Constructing refined & stylish products Core Knowledge Evaluating						
Year 9	Autumn 1							Autumn 2							Data Drop	Spring 1							Data Drop	Spring 2							Data Drop	Summer 1							Data Drop	Summer 2						
	GCSE Design & Technology Core Skills Product Design - Famous Designers Researching 3D drawing Cutting & Shaping Plastics Evaluating Core Knowledge New & Emerging Technologies							GCSE Design & Technology Core Skills Product Design - Passive Amplifier Product Analysis Designing Utilising Workshop Machinery Wasting Techniques Finishing Techniques Core Knowledge New & Emerging Technologies								GCSE Design & Technology Core Skills Soma Cube Accurate measuring & cutting 3D isometric drawing Communication drawings Core Knowledge Energy Generation & Storage								GCSE Design & Technology Core Skills PIC Axe Circuit Identifying basic components Programming microcontrollers Core Knowledge Identifying input & output components								GCSE Design & Technology Core Skills PIC Axe Circuit Assembling circuits Identifying basic components Programming microcontrollers Designing Evaluating Shaping thermoplastics Core Knowledge Identifying input & output components Developments in new materials								GCSE Design & Technology Core Skills Aluminium Tea Light Holder Basic Metalwork Skills Core Knowledge Developments in new materials						
Year 10	Autumn 1							Autumn 2							Data Drop	Spring 1							Data Drop	Spring 2							Data Drop	Summer 1							Data Drop	Summer 2						
	GCSE Design & Technology Core Skills Product Design - Lighting/Natural forms Fundamentals of design Using standard components Identifying and investigating design possibilities Producing a design brief & specification Generating Design Ideas Realising Design Ideas Analysing & Evaluating Core Knowledge Materials and their working properties							GCSE Design & Technology Core Skills Product Design - Lighting/Natural forms Fundamentals of design Using standard components Identifying and investigating design possibilities Producing a design brief & specification Generating Design Ideas Realising Design Ideas Analysing & Evaluating Core Knowledge Materials and their working properties								GCSE Design & Technology Core Skills Product Design - Design in the style of - desk tidy using manufactured boards Identifying and investigating design possibilities Producing a design brief & specification Generating Design Ideas Realising Design Ideas Machining manufactured boards Joining manufactured boards Analysing & Evaluating Core Knowledge Materials and their working properties								GCSE Design & Technology Core Skills Product Design - Design in the style of - desk tidy using manufactured boards Identifying and investigating design possibilities Producing a design brief & specification Generating Design Ideas Realising Design Ideas Machining manufactured boards Joining manufactured boards Analysing & Evaluating Core Knowledge Materials and their working properties								Year 10 Exams GCSE Design & Technology Non-Examination Assessment Investigating a brief Identifying & investigating design possibilities (NEA Section A) Exam Knowledge Specialist Technical Principles								GCSE Design & Technology Non-Examination Assessment Investigating a brief Identifying & investigating design possibilities (NEA Section A) Exam Knowledge Specialist Technical Principles Exam Knowledge Specialist Technical Principles Ecological & social footprint						
Year 11	Autumn 1							Autumn 2							Data Drop	Spring 1							Data Drop	Spring 2							Data Drop	Summer 1							Data Drop	Summer 2						
	GCSE Design & Technology Non-Examination Assessment Producing a Design Brief & Specification (NEA Section B) Exam Knowledge Selection of materials & components Forces & Stresses							Exams (All subjects) GCSE Design & Technology Non-Examination Assessment Generating Design Ideas (NEA Section C) Exam Knowledge Forces & Stresses Using & working with materials								GCSE Design & Technology Non-Examination Assessment Developing Design Ideas (NEA Section D) Exam Knowledge Using & working with materials Scales of production								GCSE Design & Technology Non-Examination Assessment Realising Design Ideas Analysing & Evaluating (NEA Section E) Exam Knowledge Forces & Stresses Using & working with materials								Exam Revision								Year 11 Exams						

Learning, Growing, Achieving and Celebrating Together