

Year 7 - Design & Technology Curriculum Implementation Plan				
Knowledge and Skills – Students will be taught to...	Reading, Oracy, Literacy and Numeracy	Formative Assessment (Ongoing)	Summative Assessment (Middle and end of project)	Link to GCSE Content
<ul style="list-style-type: none"> • Develop the Practical Skills, Manufacture Processes and Materials knowledge in all projects. • Respond to a context. • Write a design Brief. • Undertake appropriate research. • Produce a small range of ideas. • Explain the strengths and weaknesses of ideas. • Develop their chosen idea. • Use the basic drawing tools of 2D design to develop their idea. • Use tools and processes of manufacture effectively. • Understand how to work safely. • Evaluate their product and suggest possible improvements. 	Reading <ul style="list-style-type: none"> • Written context. 	Questioning in lessons Whole class feedback	Three Knowledge tests throughout the year focussing on: <ul style="list-style-type: none"> • Design Process • Materials • Manufacturing Processes • Equipment/Tools • Health and Safety 	Assessment reflects the 50/50 weighting between coursework and exam.
	Numeracy <ul style="list-style-type: none"> • Measuring techniques to ensure accuracy. • Weighing appropriate ingredients. • Use a ruler and understand the difference between millimetres and centimetres. • Dimension CAD files. 	Individual feedback in lessons Marking areas of focus and identifying areas for improvement.	Three marked D&T project tasks focussing on: <ul style="list-style-type: none"> • Analysis and Evaluation • Design and Development • Planning and Manufacture 	Developing ability to respond to exam questions. Developing an iterative design process.
	Oracy <ul style="list-style-type: none"> • Individual speaking and explanations of design intentions 	Peer and self- assessment of written work	These three areas will be graded and the average used as students 'Working At' grade for D&T. <i>Students in Year 7 will also be awarded a separate 'stand-alone' grade for Food Preparation and Nutrition.</i>	Experiencing a wide range of material areas that can be focussed upon for GCSE courses. Introducing the use of CAD/CAM required in GCSE NEA's Developing skills using hand tools. Health and Safety working practices.