



Department:	Design & Technology	
Year 10 Course summary:		
<p>The Year 10 Design and Technology course provides the students with the knowledge for the Specialist Technical Principles module of the exam, through studying Timbers and Polymers. In parallel with this students will learn about identifying design problems from a context and will complete a research and design project, enabling us to teach them about the assessment criteria of the NEA project. On the 1st of June in Year 10 we start the NEA project with the students, an internally assessed and externally moderated project that forms 50% of their GCSE level.</p>		
IST Assessments:		
Michaelmas	Michaelmas	Michaelmas
Timbers/Polymers module test	Timbers/Polymers module test	Timbers/Polymers module test
Topics covered:		
<p>Core Technical Principles (See student checklist) Specialist Technical Principles NEA project Iterative design process User requirements Design contexts Computer Aided Design (CAD) Computer Aided Manufacture (CAM) – including 3D printing. Quality control e.g. jigs and template</p>		