



Year 10 Product Design Curriculum Plan

	Key concept/ Key question	Overview of the unit	Assessment	Cross Curricular Skills	Suggested reading material and websites:
Unit 1 Trophy project	Research, analysis, Questionnaires, designing for a client's preferences	<p>Students will work through the research and design process while working closely with a client, namely each department area of the school.</p> <p>Students will hold interviews with department areas to design and make a trophy for the end of year awards ceremony.</p> <p>Students will research department themes as well as their preferences and present their designs using sketching skills, CAD/CAM, models and prototypes.</p> <p>Once pupils have completed their trophy's they will complete an evaluation with their client.</p> <p>Key skills: Perspective drawing, Isometric drawing, CAD/CAM, Working with plastics, Evaluation</p>	<p>Formative assessment through coursework.</p> <p>Peer and self-assessment throughout project.</p> <p>Feedback from client</p>	<p>Literacy: Key words to describe materials and processes.</p> <p>Numeracy: Measuring, planning and costing, working in a logical manner through design process.</p> <p>Thinking Skills: Teamwork, creative thinking,</p>	Technologystudents.com GCSE bitesize.