

Year 10 Design & Technology Curriculum Map 2021-2022

Month	September					October			November				Dec		January					February			March			April		May			June			July								
Week	30th	6th	13th	20th	27th	4th	11th	18th	1st	8th	15th	22nd	29th	6th	13th	3rd	10th	17th	24th	31st	7th	14th	28th	7th	14th	21st	28th	4th	25th	2nd	9th	16th	23rd	6th	13th	20th	27th	4th	11th	18th		
Term	1								2								3								4						5						6					
Topic	<p>Design foundation skills and knowledge to enable design thinking.</p> <p>Designing for people, to use somewhere, for a specific reason with limited impact in the environment.</p> <p>Developing drawing skills in communicating design thinking</p>								<p>Working with resistant materials.</p> <p>Wide range of design skills and knowledge associated with working with resistant materials.</p>								<p>LED light to include.</p> <p>Design engineered 3d printed lampshade</p> <p>Laminated plywood legs</p> <p>Cast concrete base</p> <p>Wide range of design skills and knowledge</p>								<p>1) Designing and making a 3d Printed Electronic Speaker.</p> <p>2) Computer Aided Drawing Skills and 3d Printing</p>						<p>Start NEA project worth 50% of final GCSE grade</p>											
Assessment	<p>Progression of communication skills through the term. Regular Assessment through Comparative judgement against explicit standards.</p> <p>Weekly online quiz based on the learning from the week</p> <p>Extended half term project</p> <p>2 * extended writing assessments</p>								<p>Progression of making skills through the term. Regular Assessment through Comparative judgement against explicit standards.</p> <p>Weekly online quiz based on the learning from the week</p> <p>Extended half term project</p> <p>2 * extended writing assessments</p>								<p>Completed Lamp outcome</p> <p>Completion of design work for the lamp. Regular Assessment through Comparative judgement against explicit standards.</p> <p>Weekly online quiz based on the learning from the week</p> <p>Extended half term project</p> <p>2 * extended writing assessments</p>								<p>Completed Lamp outcome</p> <p>Completion of design work for the radio. Regular Assessment through Comparative judgement against explicit standards</p> <p>Weekly online quiz based on the learning from the week</p> <p>Extended half term project</p> <p>2 * extended writing assessments</p>						<p>On going assessment of Portfolio. NEA rules forbid explicit grading being given back to students. Therefore relative standard assessment will be used.</p> <p>Weekly online quiz based on the learning from the week</p> <p>Extended half term project</p> <p>2 * extended writing assessments</p>											