

**Year 11 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																		
<b>Topic</b>	NEA Completion: Design iteration to include: Initial ideas Evaluation of idea Iteration modelling + sketching  Knowledge work: Mechanisms + gears Programmable circuits Human centered Design  Skills development: Deforming techniques wasting techniques					NEA completion: Design iteration phase 1, 2+3. Manufacture planning  Knowledge work: Addition + joining in all material groups  Skills development Maths - calculating quantities + costs					NEA completion: Manufacture planning Cad drawing Final models  Knowledge work: Extended writing on broad themes of design and material, manufacture and sustainability.					NEA completion: Testing and evaluation Design optimisation Presentation of final design proposal  Prepare design folder for assessment  Knowledge work In-depth - timbers + polymers				Final exam preparation:  Explicit teaching of how to answer DT questions to apply knowledge and score highly.																					
<b>Assessment</b>	On going assessment of Portfolio using comparative judgement against relative standards  Weekly online quiz based on the learning from the week  Extended half term project  2 * Extended writing assessments					On going assessment of Portfolio using comparative judgement against relative standards  Weekly online quiz based on the learning from the week  Extended half term project  2 * Extended writing assessments					Mock Exam: A full 2 hour past paper  On going assessment of Portfolio using comparative judgement against relative standards  Weekly online quiz based on the learning from the week  Extended half term project					Final assessment of completed NEA  Weekly online quiz based on range of topics (retrieval)  Extended half term project  2* Extended writing assessments				Completion of past papers  Weekly online quiz based on range of topics (retrieval)																					