Engineering Curriculum Map

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Topic	Engineering disciplines, Safety laws, units, engineering	Engineering drawings and practical tasks	Engineering materials, Practical engineering	Engineering materials, further drawing skills and	Mock project Students will	Revision for Year 10 pre mock assessments and
		mathematics		techniques,	CAD design	design and build a	completion of mock
			Students will learn			desk lamp	NEA
		Students will start to	some engineering	Students learn about	Students continue to	prototype stand	
		learn what the different	drawings and	the properties of	work on drawing	using skills learnt	
		engineering disciplines	complete a short	various materials	skills. Students learn	in lessons	
		do and work on the units and mathematics	practical project	and the practical	how to design using CAD software		
		within engineering		techniques needed to complete tasks	CAD SOftware		
	Assessment	Assessment based on	Project based	Assessment based	Assessment based	Project based	Pre Mock
	Assessment	past exam questions.	assessment of	on past exam	on past exam	assessment of	Assessment Project
		pace chain queenene	design and build	questions.	questions.	design and build	based assessment of
							design and build
				Assessment of	Assessment of		
				drawing skills	drawing skills		
	PREP	Lesson by lesson prep,	Drawing and design	Lesson by lesson	Lesson by lesson	Drawing and	Lesson by lesson
		based on content in	prep.	prep, based on	prep, based on	design prep.	prep, based on
		the exams		content in the	content in the		content in the
	- .		5 1 1 .	exams	exams		exams
Year	Topic	Health and safety,	Production planning,	Internally marked	Internally marked	General exam	
11		theory of engineering techniques and CAD	and engineering techniques then	assessment	assessment to complete then	revision	
		techniques and CAD	start Internally	Full internally	revision for exams		
		Students learn the last	marked assessment	marked assessment	Tevision for exams		
		engineering processes,	marked assessment	project	Full internally		
		the health and safety	Students work on	p. ejest	marked assessment		
		and CAD design.	production planning		project		
		_	and engineering				
			techniques then start				
			NEA.				

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	Assessment	Assessment based on past exam questions.	Project based assessment of design and build	Project based assessment of design and build	Project based assessment of design and build and Assessment based on past exam questions.	
	PREP	Lesson by lesson prep, based on content in the exams	Drawing and design prep.	Drawing and design prep.	Lesson by lesson prep, based on content in the exams	