

Curriculum Map – Engineering - Year 10 and 11

	1	2	3
Y10	Topic Title 3 rd angle Orthographic Drawings	Topic Title Revising a design	Topic Title Process and Properties
	Big Questions: How do we manufacture from 3 rd angle Orthographic Drawings in the workshop? What manufacturing processes are used and why?	Big Questions: How do we revise a design to enhance its use? How CAD Autodesk inventor assist the process of the redesign?	Big Questions: What is meant by the following processes and where would you use them? <div><ul style="list-style-type: none">• material removal• shaping and manipulation• joining and assembly• heat and chemical treatment.</div>
			<div>BIG question: What are the properties needed for the following engineering products? <ul style="list-style-type: none">• mobile phones• security alarm found in the home• bicycles• children’s play areas.</div>

	1
Y11	Topic Title NEA
	Big Questions: