

Curriculum Map 2023-24

Year 10

Half term	Unit title with hyperlink to scheme of work	Unit summary	Skills & content covered	Skills & content revisited	Summary of formative marking, feedback and student response	Summative assessment schedule, including assessment criteria
Autumn 1	Mock NEA- research and specification	begin the mock NEA mechanical toy research existing products	1. The sources, origins, physical and working properties	design brief and specification	feed back on each section how to improve, students are given time to improve mock NEA	
Autumn 2	Mock NEA- initial designs	sketch ideas, test mechanisms	2. Aesthetic, environmental, availability, cost, social, cultural and ethical	sketching skills and technical drawing skills	feed back on each section how to improve, students are given time to improve mock NEA	
Spring 1	Mock NEA- development	use sketch up to develop designs	3. Forces and stresses, 4. Stock forms, types and sizes	CAD skills, sketchup	feed back on each section how to improve, students are given time to improve mock NEA	Assessment 3
Spring 2	Mock NEA- making	use hand and machine tools to create a product	5. Alternative processes that can be used to manufacture products to different scales of production	use of workshop hand tools and machinery	feed back on each section how to improve, students are given time to improve mock NEA	
Summer 1	Mock NEA- evaluation	evaluation against specification, third party test	6. Specialist techniques and processes	evaluation skills including third party tests	feed back on each section how to improve, students are given time to improve mock NEA	
Summer 2	NEA- research	analysis task, analysis a range of products, create a client profile,	7. Appropriate surface treatments and finishes that can be applied for functional and aesthetic purposes	product analysis, analysing design task	N/A	Mock Exam