

Curriculum Map – Graphics Year 9

	1	2	3	4	5	6	7
Year 9	Topic Title: Introduction to graphic design	Topic Title: Trainer project - Investigation	Topic Title: Trainer project - Design and make	Topic Title: Trainer project - Evaluate	Topic Title: Material categories and properties	Topic Title: Developments in Modern Materials	Topic Title: Mechanical devices
	Big Questions: How does the work of past and present design movements inform design? What impact have inspirational designers had on the world?	Big Questions: What is the role of research in the design process? How do designers gather and analyse user needs? How do designers inform the design of innovative, functional products that respond to user needs?	Big Questions: How do designers best share their ideas? What do we need to consider before we make a product? How do we use practical skills to complete a design problem?	Big Questions: How do designers successfully evaluate when creating a new product? What role does user feedback play in the evaluation process? How can sustainability and environmental impact of a product be evaluated?	Big Questions: What are the fundamental working properties and characteristics for different materials? How can we apply materials knowledge to select the right materials when manufacturing products?	Big Questions: How do emerging materials contribute to innovation in design and technology?	Big Questions: What are the different types of movement? How do the principles of levers and linkages contribute to the design of products? How do different types of rotary systems work?
Assessment	CW Design movement posters CFU CW Design movements and designers quiz	CW Market research task CW Design specification CFU HW Design process - Investigation	CW Initial ideas CFU CW Design process – Designing CFU HW Design process - Making	CW Evaluation and making diary CFU HW Design process - Evaluating	CFU CW Materials quiz CW Desk tidy feedback CFU HW Seneca Material properties	CW Modern & smart materials table CFU HW Seneca Development in new materials	CW Cardboard model of levers and gears CFU HW Seneca Mechanical devices