Subject Overview

Year 8										
	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6				
Topic	Door Alarm	Door Alarm	Pop up cards/book	Pop up cards/book	Night Light	Night Light				
Learning Objectives	Soldering Electronic systems 2D design Orthographic drawing Plastics knowledge Prototyping Evaluation	Soldering Electronic systems 2D design Orthographic drawing Plastics knowledge Prototyping Evaluation	Cutting Mechanisms Adhesives Card and papers Prototyping Evaluation	Cutting Mechanisms Adhesives Card and papers Prototyping Evaluation	The work of others Jointing wood con' plastics theory 3d printing	Soldering Electronic systems Electronic Components Electronic Circuits Wood finishing				
Key Vocabulary	Relating to the Learning objectives	Relating to the Learning objectives	Relating to the Learning objectives	Relating to the Learning objectives	Relating to the Learning objectives	Relating to the Learning objectives				
Formative Assessment	Ongoing knowledge test through topic progression	Ongoing knowledge test through topic progression	Ongoing knowledge test through topic progression	Ongoing knowledge test through topic progression	Ongoing knowledge test through topic progression	Ongoing knowledge test through topic progression				
Summative Assessment	Evaluation analysis against the brief	Evaluation analysis against the brief	Evaluation analysis against the brief	Evaluation analysis against the brief	Evaluation analysis against the brief	Evaluation analysis against the brief				
Scaffolding for SEND	Reassess processes as appropriate	Reassess processes as appropriate	Reassess processes as appropriate	Reassess processes as appropriate	Reassess processes as appropriate	Reassess processes as appropriate				

Careers	CAD/CAM	CAD /CAM	CAD/CAM,	CAD/CAM,	CAD/CAM,	CAD/CAM,
			Electronics	Electronics	Electronics	Electronics
Links (prior	Building on CAD					
knowledge,	from year 7					
future					CAM Knowledge	CAM Knowledge
knowledge)					for year 9	for year 9
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