

Curriculum Map						
Year 9						
Half term	Unit title with hyperlink to scheme of work	Unit summary	Skills & content covered (core)	Skills & content revisited	Summary of formative marking, feedback and student response	Summative assessment schedule, including assessment criteria
Autumn 1	Timbers- Book Ends	design and make a bookend using timbers and manufactured board, sketching and 2 point perspective	9. Natural and manufactured timber 7. The functions of mechanical devices,	Material Properties	feedback sheets on key elements of topic	
Autumn 2	Metals-Box	manufacture sheet metal box, grid and isometric drawing	10. Ferrous and nonferrous metals	Technical drawing onto grids	feedback sheets on key elements of topic	
Spring 1	Plastics - Lamp	CAD design using 2D design and orthographic projection, making a acrylic lamp and soldering electronic componants	11. Thermoforming and thermosetting polymers 5. electroni systems 6. programmable components	Use of CAD programming	feedback sheets on key elements of topic	Assessment 1
Spring 2	Paper and Board-Packaging	Creating packaging, logo and net design, adobe illustrator	8. Paper and boards	Construction Processes	feedback sheets on key elements of topic	
Summer 1	CAD/CAM and smart materials	CAD design using SKETCHUP building design then 3D print	12. Natural, synthetic, textiles,	printing techniques	feedback sheets on key elements of topic	
Summer 2	CAD/CAM and smart materials	CAD design using SKETCHUP building design then 3D print	4.Modern materials	Environmental Issues and Sustainability	feedback sheets on key elements of topic	Assessment 2