Learning Journey Map For Design Technology





			on acrylic and similar materials.	used to produce the iPhone holder?
Intr proj Acry	oduction to the ject ylic iPhone holder.	Research and materials in Design technology. The difference between thermoplastics and thermoset plastics	Design brief and Initial ideas. Discuss the corr method of prod initial ideas: 3D sketches Colour Annotation	a ect ucing
Plastics 9		Evaluation Review the project with the pupils. Class discussion with all the completed projects on view. Good examples and why. What improvements could others have made?	F a F F C	Practical – Final Issembly Final assembly. Reminder about Quality Control –
	Workshop rules / Health and Safety The importance of Health and Safety	Practical Lesson Measuring and marking Materials distributed to pupils	Practical Les Cutting tools techniques. Correct methof drilling – stepping up, piece holdin using hand v and using co technical ter	son- s and Practical lesson – Cleaning the materials/Adding a finish Pupils will clean up their materials using sandpaper, wire wool and metal polish.
Metals	Modelling in Technology / I using CADCAM I Why do we use models in Technology	Design brief and nitial ideas. What is a design prief	Research and materials in design technology. The difference between ferrous metal and non – ferrous metal	Introduction to the project Pewter and wood key ring fob.
		Practical – FinalEvaluationassemblyReviewFinal assembly lessonprojectionpupils	tion v the t with the	
boot	Applying the design / Adding a finish Pupils will apply their design using stains and coloured pencils	Practical lesson – CADCAM Demo the Vac forming and CAD router machine	Practical Lesson- Cutting tools and techniques. Teacher demo on the correct way to use cutting and shaping tools such as saws, drills and files	Practical Lesson- Measuring and marking Teacher demo on the correct way to mark and measure the material
7	Introduction to the project Hand Held Puzzle using Cad Cam.	et Research and idea materials in What Design design Technology. and there between there hardwoods and design softwoods. tech	gn brief Initial Modelling in S. Technology / using Gn brief CADCAM why do Why do we use models in in gn Technology nology	Workshop rules / Health and Safety The importance of Health and Safety
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Awakening minds

Achieving dreams

Serving others