



Year 8 Candle Holder

16 Lessons

Aims:

The broad aim of this scheme is to introduce some skills associated with planning and working with metal for the first time.

Key Skills	Literacy Links:	Numeracy Links:
The key content in this unit is some of the skills and knowledge that are required at KS4 are introduced as the students now are more likely to have the stature to be able to complete the tasks. It then reinforces marking out, cutting, shaping and finishing of materials that students may not have previously experienced. An understanding of these potentially new materials will be imparted.	Keywords: key words will be largely terminology associated with metal and their associated processes as they arise. Typically, these will include prototype, mild steel, various tools plus processes such as riveting, threading, tapping, scrolling etc.	Use of measuring will see a real world application of numeracy skills. Units used will be mm in line with good engineering practice.
Assessment	Cross-Curricular Links	
Students will be assessed against the criteria of; Developing a design Marking out and selecting materials Cutting and shaping materials Surface preparation and the application of finishes. As outlined in the AQA Material Technology Technical awards marking scheme. The 8 key tasks below are assessed against the 4 bands of Excellence/Secure/emerging/developing on the student personal earning checklist that is regularly shared with parents.	Production of materials will touch on geographical issues.	
	SMSC opportunities and British Values	
	Students will be able to consider suitable decorations following moral and ethical discussions. Sustainability and the environment will be considered.	
Opportunities for further learning		
Students have the opportunity to demonstrate an exemplary level of working throughout this scheme of work. Students will be encouraged to think and express themselves in original ways, initiate ideas and define problems, push the boundaries of new techniques and processes and exploit the potential of the media they choose to work with.		