

Year 9: ASK Yourself!

Subject: Visual Communication

Unit: Architectural model

	Launching 1-2	Developing 3-4	Progressing 5-6	Mastering 7-9
 S skills				
CAD/CAM	I need to use CAD/CAM.	I am able to use 2D Design to produce a design for cutting on the laser cutter.	I can produce an accurate & working CAD drawing in 2D Design. The laser cut model is in proportion in the building I've made.	I can use CAD and CAM independently and I know how to set up and use the laser cutter.
Tools and equipment	I struggled to use the tools and equipment.	I can use one or two tools well. I need to try and use more of a variety when I next make a model.	I can use a variety of tools and equipment well and I didn't need to ask for much help when I was making.	I can successfully use a variety of modelling tools and equipment with precision and accuracy. I can select them independently.
Quality of manufacture	I didn't finish making the architectural model.	I made some good components to the model, but some are not in proportion.	I made a good model and nearly all of my components are made to a high standard. I may be missing a piece of furniture or one may not be in proportion.	I produced a high quality architectural model. All components are neatly made and all furniture is in proportion.
 K knowledge				
Equipment & Tools	I need to learn the equipment & tool names.	With help I am able to identify equipment & tools.	I can name the equipment & tools that I have used.	I can confidently name equipment & tools. I can also describe when and why I have used them.

CAD/CAM	I need to learn what CAD/CAM means and what programs and machines are used in school.	I know what CAD/CAM stands for and I can name a CAD program and a CAM machine that we use in school.	I know what the advantages and disadvantages of using CAD/CAM are.	I can confidently talk about the advantages and disadvantages of using CAD/CAM. I can tell others how to use the CAD/CAM that we have in school.
Health and Safety	I have been reminded by my teacher more than twice to follow the safety rules.	I understand the safety rules. I have had to be reminded on one occasion to follow a rule. For example, wear goggles.	I worked safely during this project and followed the safety rules. I pack away at the end of a lesson to ensure the workshop is a safe place.	I followed the safety rules. I am thoughtful and consider the safety of others as well as myself.