

Technology Weekly Lessons Plan

version :1.2

24-Aug-04

Teacher	S Nicholson	Subject	GCSE Exam Final Project and Exam Prep
Teaching group	11C/D	BromCom Code	

(if different from teaching group label)

Day	Monday/Friday	Date		Lesson No. :	43-45 of 54
Topic	Model Planning 2	NC ref / SoW ref:		Key Stage 4	

Learning Objective(s) (by the end of this lessons pupils should understand / know / be able to...)

Understand how to record quality control in with model planning

Recognise the need for a project checklist and understand how to apply it

Know how to apply quality control to the production of outcome

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Special Needs / differentiation

All must... All must: Have an appropriate range of materials prepared

Most should Most should: Have started to commit model planning to paper

Some should Some could: Show evidence of model construction and assembly

See also: Also see: Differentiation in model planning methods required

Literacy	I.C.T.	Numeracy			
Annotation	y	CAD	o	Averages	o
Answering Q in full sentences	o	Databases	o	Calculations (general)	o
Crossword / Wordsearch	o	Internet use	y	Graph drawing; scales	o
Keywords	o	Spreadsheets	o	Interpreting Data	o
Labelling diagrams	y	Word Processing	y	Measuring	y
Reading books / worksheets	y	Other	o	Other	o
Writing frames	o				
Other (give details)					

Starter Activity

Collect project work, equipment and materials ready for the lesson

Collect materials for model making (where possible)

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Homework

Bringing in 'found items' for model making Identify further materials

Due in : next week

Main Lesson Activities

Priority this week will be to ensure that all pupils have some materials with which to start the model making process. Orthographic drawings and cutting lists will help with this. Any pupil who has not reached such a stage by Thursday will need to stay after school - announce and place in planners.

Making' activities can start in some cases - equipment will need to be made available for some.

At an appropriate point during the 3 lessons 'Model Planning' should begin. Pupils should produce a rough draft first by the flow chart method - possibly on a pre-prepared A4 sheet.

Give keywords for materials, equipment, tools, processes etc. Potential for paired activity here (A for L)

Pupils should move to a 'final' version asap using either GANTT (A/B pupils), Flow Chart (C/D), or Spider Diagram (E/G) methods. Leave room for 'Quality Control' stages (next week)

Plenary Plenary - to be confirmed

Learning Checks / assessment & summary

Discussion with pupils	y	Q/A session with whole class	y
Looking at folders / written and sketched work	y	Test	o
Practical outcome	y		
Other			

Evaluation of the lesson may be found on the reverse of this lesson plan Key: o = possible, y = included, ? = may be