

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. :	40-42 of 54
Topic	Model Planning 1	NC ref / SoW ref:		Key Stage 4	

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

- Recognise the need to plan for model making
- Understand how to translate intended tasks into diagram forms
- Understand that additional time will be required to produce sufficient evidence
- Know how to prepare and store materials (appropriately) for high standards

Special Needs / differentiation

- All must...** All must: Identify some materials and begin to collect them together
- Most should** Most should: Have produced assessable evidence of appropriate model planning.
- Some should** Some could: Have begun to construct the model having completed all other tasks
- Also see:** 0

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	o	Graph drawing; scales	o
Keywords	y	Spreadsheets	o	Interpreting Data	o
Labelling diagrams	y	Word Processing	o	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
- Continue with orthographic drawing (if unfinished)

Homework Identify items to be brought in from home for use with the project model

Due in : next week

Main Lesson Activities

- Re-cap the need for/purpose of a 'working drawing', Relate this to the 'making' element of the syllabus and remind pupils that this counts for the majority of the marks
- Three activities need to run in parallel:
 1. Collection of materials - translating the drawing into a cutting list will be a useful exercise in terms of - establishing the quantities of specific materials that might be required for Year 11, helping staff to deliver some of said materials to pupils and also providing a useful first stage of 'model planning' (a marked section of the project)
 2. More structured model planning processes, either in flowchart or spider diagram form, showing equipment, materials etc. Quality control activity can be readily attached to this activity
 3. Completion of any unfinished item produced so far - while any individual pupil is waiting for attention

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