

Technology Lesson Planning Sheet

version :7.5

24-May-04

Teacher	S Nicholson	Subject	GPS Product Design (Project 1)
Teaching group	10L/M	BromCom Code	

(if different from teaching group label)

Day	Monday/Friday	Date		Lesson No. :	25-27 of 39
Topic	Model Making	NC ref / SoW ref:		Key Stage	4

Learning Objective(s)

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

Understand the need for forward planning and predict time allotments for tasks undertaken
 Choose appropriate tools and materials to apply a sense of realism in your model
 Develop an appreciation of "pace" in order to meet the deadline
 Appreciate a sense of quality and value for the work undertaken
 Relate to the value others place within their own work

Special Needs / differentiation

All must... all should cut and form parts and apply base paint where necessary to all relevant component parts
 Most should most should apply detail to some of the parts and begin cutting and assembly
 Some should some should complete base painting, apply detail and assemble some component parts

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

Starter Activity

Write the Homework in your diary
 Get out last week's homework
 Review safety procedures when using knives - prepare one half of the room for model work and the other

Homework Find and illustrate examples of where industrial processes (e.g. vacuum forming) are used in the manufacture of actual devices such as mobile phones, 2 way radios GPS etc.

Due in : next week

Main Lesson Activities

Issuing of basic materials
 Writing of cutting lists for additional materials
 Cutting and forming of component parts
 Individual work with small team cooperation to complete tasks.
 Neat and orderly clearing away before the Plenary session

Plenary Health and safety check - checking tools and resources, complement on individual and group organization skills.

Learning Checks / assessment & summary

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