

# Technology Lesson Planning Sheet

version :7.5

24-May-04

<b>Teacher</b>	<b>S Nicholson</b>	<b>Subject</b>	<b>GPS Product Design (Project 1)</b>
<b>Teaching group</b>	<b>10L/M</b>	<b>BromCom Code</b>	
(if different from teaching group label)			

<b>Day</b>	Monday/Friday	<b>Date</b>	<b>Lesson No. :</b> 28-30 of 39
<b>Topic</b>	<b>Assembly and Finishing</b>	<b>NC ref / SoW ref:</b>	<b>Key Stage 4</b>

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

Develop a sense of Quality Assurance by establishing controls in the work

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 providing support and peer assistance wherever possible

**Special Needs / differentiation**

All must... all should finish paint and apply other finishes where necessary to all relevant component parts

Most should most should apply detail to most of the parts and continue cutting and assembly

Some should some should complete painting/finishes with detail and assemble all component parts, and be able to assist others. (peer mentors)

<b>Literacy</b>	<b>I.C.T.</b>	<b>Numeracy</b>
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

Again review safety procedures when using knives - prepare one half of the room for model work and the other assembly of folder work

**Homework** Produce research on the different finishes that can be applied to plastics and metals

Due in : next week

**Main Lesson Activities**

More painting and finishing of component parts

Health and safety check on the appropriate use of adhesives (glues)

Individual work with small team cooperation to complete tasks.

(QA & QC) Finishing touches to all aspects of the model.

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