

# 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>	
<small>(if different from teaching group label)</small>			

<b>Day</b>	Monday/Friday	<b>Date</b>		<b>Lesson No. :</b>	16-18 of 39
<b>Topic</b>	Final Idea to Orthographic Planning		<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...)

Illustrate a comprehension of important rules for orthographic drawing

Select and use the relevant guidelines to enable a readable drawing to be produced

Demonstrate the ability to make use of the available equipment to produce clear, neat, readable drawings

Measure and draw with accuracy (psychomotor)

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**Special Needs / differentiation**

All must... all should make use of basic drawing rules to produce a drawing of their product

Most should most should make use of a range of drawing rules to enable others to read the work accurately

Some should some should make use of a wide range of drawing rules to enable others to read the work accurately

<b>Literacy</b>		<b>I.C.T.</b>		<b>Numeracy</b>	
Annotation	y	CAD	o	Averages	o
Answering Q in full sentences	y	Databases	o	Calculations (general)	o
Crossword / Wordsearch	y	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	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

Do a rough orthographic layout sketch of your chosen ideas on A4 paper

**Homework** Complete a PD7308 Convention - Orthographic Prep Sheet number 1

Due in : Next week

**Main Lesson Activities**

Homework check. Review last week / session topic

Make a choice of FINAL idea before producing "working drawing" of FINAL idea to BS-PD7308

Drawing of set piece to introduce basic skills needed for third angle orthographic drawing of a product

Pupils prepare A3 sheet for first orthographic drawing of their product

Make a choice of FINAL idea before producing "working drawing" of FINAL idea to BS-PD7308

**Plenary** Peer evaluation of BS-PD7308 - to attach comments, use "post- it's"

**Learning Checks / assessment & summary**

Discussion with pupils	y	Q/A session with whole class	o
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