

# Technology Lesson Planning Sheet

version :7.5

24-May-04

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

(if different from teaching group label)

<b>Day</b>	Monday/Friday	<b>Date</b>		<b>Lesson No. :</b>	10-12 of 39
<b>Topic</b>	Analysis to Specification	<b>NC ref / SoW ref:</b>		<b>Key Stage</b>	4

<b>Learning Objective(s)</b>	(by the end of this lesson pupils should understand / know / be able to...)
Identify the categories needed to produce a comprehensive specification	
Organise the requirements of your product into a logical layout	
Understand the need for a clear specification	
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<b>Special Needs / differentiation</b>	
All must...	all should produce a basic draft and final specification. Also have evaluated peers work.
Most should	most should produce a detailed draft and final specification. Also have discussed peers work.
Some should	some should produce a highly detailed draft and final specification and been helpful evaluating peers work.

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	o
Reading books / worksheets	y	Other	o	Other	o
Writing frames	o				
Other (give details)					

<b>Starter Activity</b>	
Write the Homework in your diary	
Get out last week's homework	
Assemble all Research pages and put them in a chosen order - (group to compare different approaches)	

<b>Homework</b>	Complete the formative analysis of research including a sumative analysis relevant to the specification drafted today.
<b>Due in :</b>	next week

<b>Main Lesson Activities</b>	
Homework check. Review last week / session topic - Complete significant charts and graphs to qualify (homework) mark research	
Introduction to the detailed specification - categorising a list based on "must, should & may"	
Pupils write a draft specification. Peer evaluation of draft specifications - to attach comments, use "post- it's"	
Pupils write a final specification for their chosen product - to include given size constraints	
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<b>Plenary</b>	Pupils to look at the presentation of each others final specification
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<b>Learning Checks / assessment &amp; summary</b>			
Discussion with pupils	y	Q/A session with whole class	?
Looking at folders / written and sketched work	y	Test	o
Practical outcome	o		
Other			

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