

# Technology Weekly Lessons Plan

version :1.2

24-Aug-04

<b>Teacher</b>	<b>S Nicholson</b>	<b>Subject</b>	<b>GCSE Exam Final Project and Exam Prep</b>
<b>Teaching group</b>	<b>11C/D</b>	<b>BromCom Code</b>	
(if different from teaching group label)			

<b>Day</b>	Monday/Friday	<b>Date</b>		<b>Lesson No. :</b>	<b>34-36 of 54</b>
<b>Topic</b>	<b>Developing a solution</b>	<b>NC ref / SoW ref:</b>		<b>Key Stage 4</b>	

<b>Learning Objective(s)</b>	(by the end of this lessons pupils should understand / know / be able to...)
Understand how to develop their design ideas into 'workable' solutions	
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0	
0	
0	

<b>Special Needs / differentiation</b>	
All must...	All must: Produce 2/3 pages of 'development' with suitable notes
Most should	Most should: Have a clear idea of the final design by the end of the 3rd lesson
Some should	Some could: Have begun simple modelling of ideas using paper and thin card

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

<b>Starter Activity</b>
Collect project work, equipment and materials ready for the lesson
Continue with 'development' of solution
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<b>Homework</b>	Sorting out materials and dimensions for the 'making' part of the project
Due in :	next week

<b>Main Lesson Activities</b>
The target this week must be to move pupils towards producing a 'final' design idea. Sketches should be developing into more formal drawings and a rendered pictorial view of the final idea should be possible using either oblique, isometric or perspective techniques
In order to move pupils to thinking more widely about what they need to produce, during the double period set a timed task
With very few exceptions pupils would benefit from producing at least one sheet on how they will 'promote' their product. Advertising material for magazines and newspapers, posters/flyers, web sites, point of sale displays and packaging. .
This will provide opportunity for colour work, simple modelling, additional ICT and may also get pupils to think about commercial viability This should take about 50 minutes
Make use of the project guide booklet as appropriate. Orthographic drawings and model planning, coming up next week!

<b>Plenary</b>	Plenary - to be confirmed
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<b>Learning Checks / assessment &amp; summary</b>			
Discussion with pupils	y	Q/A session with whole class	y
Looking at folders / written and sketched work	o	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	