

# 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>4-6 of 54</b>
<b>Topic</b>	<b>Research &amp; Analysis</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...)

Understand how a GANTT diagram works and be able to relate it to their project

Know what their last good project is 'worth' in GCSE terms and be clear about their exam target grade

Understand how to analyse their project research material

**Special Needs / differentiation**

All must... All must: Have produced independent research for their project topic

Most should Most should: Produce a suitable questionnaire

Some should Some could: Prepare and send letters

<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	y	Graph drawing; scales	y
Keywords	y	Spreadsheets	o	Interpreting Data	y
Labelling diagrams	y	Word Processing	y	Measuring	o
Reading books / worksheets	y	Other	o	Other	ratio
Writing frames	o				
Other (give details)					

**Starter Activity**

Write the Homework in your diary

Get out last week's homework. Collect project work, equipment and materials ready for the lesson.

Continue with mind map analysis of project or questionnaire drafting

**Homework** Apply questionnaire as part of research process

Due in : next week

**Main Lesson Activities**

Feedback of marked architectural project. Grade explanation and context. Target GCSE grade set and explained. Process related to final project.

Pupils to continue with Research and Analysis stage of final project: Mind Map - completed to high standard using colour and accepted structure. Border and Title page - available for multiple copies.

Printed research material from several sources including internet - mounted. Questionnaire developed. Analysis of gathered research using explanation and opinion method.

Some pupils sent for research activity in LRC or ICT areas. Write/contact suitable establishments to aid research. Make use of the NEAB project guide document as appropriate.

Reinforce the use of conjunctions in reasoned full sentences (because, however & therefore)

**Plenary** Discuss target markets relevant to individual projects - small group Q+A session on implications.

**Learning Checks / assessment & summary**

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