Technology Lesson Planning Sheet

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

Day	Monday/Friday	Date		Lesson No.:	13-15 of 39
Topic	Specification to Ideas	NC ref / SoW ref:			Key Stage 4

Learning Objective(s)
(by the end of this lesson pupils should understand / know / be able to…)

Recognise all the different methods of pictorial drawing and be able to use a range while drawing ideas

Derive a range of different possible solutions to a problem from the task and specification

Choose from a range of ideas basing your judgement on previously known criteria

Make constructive use of annotation to amplify your decisions

Special Needs / differentiation

All must…	all should produce some ideas for product designs using recognisable drawing methods and descriptive notes
Most should	most should produce a range of ideas for product designs using recognisable drawing methods with reasoned annotation
Some should	some should produce a wide range of ideas for product designs using several recognisable drawing methods with reasoned annotation

Literacy		I.C.T.		Numeracy	
Annotation	o	CAD	o	Averages	o
Answering Q in full sentences	y	Databases	o	Calculations (general)	o
Crossword / Wordsearch	o	Internet use	o	Graph drawing; scales	o
Keywords	o	Spreadsheets	o	Interpretting Data	o
Labelling diagrams	y	Word Processing	o	Measuring	y
Reading books / worksheets	o	Other	o	Other	Drill sizes
Writing frames	o				
Other (give details)					

Starter Activity

Write the Homework in your diary
Get out last week's homework
Draw examples showing all the different methods of pictorial drawing

Homework

Draw another alternative idea that is very different in approach and/or form.

Due in :   next week

Main Lesson Activities

Review last week / session topic - complete work on the specification (one out of the 3 lessons)

Pupils to add further "rapid" ideas to homework - 3D thumbnail sketches with annotation. Refer to product research material.

Choose two (2) "final" ideas based on evaluating initial ideas against their specification and brief

Draw final ideas neatly using pictorial methods to a larger scale and add annotation

Students to tie tag and hand in all course-work for formal assessment.

Plenary
What makes a good idea? - group discussion based on how they made their choices

Learning Checks / assessment & summary

Discussion with pupils	o	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