

# Technology Lesson Planning Sheet

version :7.3

24-May-04

<b>Teacher</b>	<b>S Nicholson</b>	<b>Subject</b>	<b>Sustainable Habitats (Project 3)</b>
<b>Teaching group</b>	<b>10L/M</b>	<b>BromCom Code</b>	

(if different from teaching group label)

<b>Day</b>	Monday/Friday	<b>Date</b>	<b>Lesson No. :</b>	<b>13-15 of 33</b>
<b>Topic</b>	<b>Orthographic Planning</b>	<b>NC ref / SoW ref:</b>	<b>Key Stage 4</b>	

**Learning Objective(s)** (by the end of this lesson 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)

**Special Needs / differentiation**

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

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 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	Interpreting 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

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

**Homework** Prepare alternative ideas for modification of initial development

Due in : next week

**Main Lesson Activities**

Homework check. Review last week / session topic

Drawing of set piece item to introduce skills needed for architectural third angle orthographic drawings

Pupils prepare A3 sheet for first orthographic drawing of their habitat

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 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