

Technology Lesson Planning Sheet

version :7.3

24-May-04

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

(if different from teaching group label)

Day	Monday/Friday	Date	Lesson No.: 1-3 of 33
Topic	Introduction to Brief	NC ref / SoW ref:	Key Stage 4

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

Identify the various course targets and be able to record them

Perceive how sustainable living may play an important role in halting Global Warming, with all peoples making a contribution

Receive information about Agenda 21

Analyse the significance of the "Golden Section / Mean" - ratio 1 : 1.618 and "symmetry" in good architectural design

Special Needs / differentiation

All must... all should design a brief sheet and produce a basic Gantt diagram

Most should most should design an illustrated brief sheet and produce a basic Gantt diagram with one page of research notes

Some should some should design a quality brief sheet and produce a detailed Gantt diagram with detailed research notes

Literacy		I.C.T.		Numeracy	
Annotation	y	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	y	Spreadsheets	o	Interpreting Data	o
Labelling diagrams	y	Word Processing	o	Measuring	o
Reading books / worksheets	o	Other	o	Other	o
Writing frames	o				
Other (give details)					

Starter Activity

Write the Homework in your diary

Get out last week's homework

Draw three house forms (3D) in which you would like to live (one should be unconventional)

Homework

Research and present an illustrated paper on the social and environmental Impacts of Global Warming

Due in : next week

Main Lesson Activities

Intro to course & lesson structure.

Construct an illustrated "Brief" page. Produce a Gantt Diagram identifying the timing of course targets and content.

Introduction to "sustainability" in the context of Habitat design and marketing

Review Agenda 21, the causes of GlobalWarming and its consequences, the need for rappid and sustainable habitat design/construction

Consider the result of natural disasters - economic and social change requiring massive migration.

Plenary | No hands up 'quiz' on what we already do to reverse the trend of Global Warming

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			