

Technology Lesson Planning Sheet

version :7.3

24-May-04

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|-----------------------|--------------------|---------------------|---|
| 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. : | 22-24 of 33 |
| Topic | Planning of/and Making | NC ref / SoW ref: | | | Key Stage 4 |

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

Understand the need for forward planning and predict time allotments for tasks undertaken

Choose appropriate tools and materials to apply a sense of realism in your model

Develop an appreciation of "pace" in order to meet the deadline

Appreciate a sense of quality and value for the work undertaken

Relate to the value others place within their own work

Special Needs / differentiation

All must... all should complete an illustrated sequential model making plan and begin the "making"

Most should most should complete the plan with quality and colour where appropriate and establish all necessary component parts

Some should some should annotate beyond mere description and provide reasoned comments against each stage of manufacture

| Literacy | | I. C. T. | | Numeracy | |
|-------------------------------|---|-----------------|---|------------------------|---|
| Annotation | y | CAD | y | Averages | o |
| Answering Q in full sentences | o | Databases | o | Calculations (general) | o |
| Crossword / Wordsearch | o | Internet use | o | Graph drawing; scales | o |
| Keywords | o | Spreadsheets | o | Interpreting Data | o |
| Labelling diagrams | o | 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

Write a sequence for making a cup of tea (use worksheet courtesy JM)

Homework Work on componant construction at home and/or Design a Brochure promoting Sustainable Housing Development - involve your project designs

Due in : next week

Main Lesson Activities

Sequential planning towards the making of a model - FLOW charts, time lines and illustrated "how to" steps in order of making.

Complete a formal cutting list for all materials requested and provided

Carefully and accurately measure and mark out all parts of the model

Paint and /or finish all componant parts before final cutting and assembly

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Plenary Health and safety check - checking tools and resources, complement on individual and group organization skills.

Learning Checks / assessment & summary

| | | | |
|--|---|------------------------------|---|
| Discussion with pupils | o | Q/A session with whole class | y |
| Looking at folders / written and sketched work | y | Test | y |
| 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