

## **Extra Cover Instructions in addition to the lesson plan**

<http://www.nicholsongraphics.com/primeview/pdf/y9/91-3of6.pdf>

**for making the "House and Garden" model  
Monday and Wednesday periods 3 and 4**

**Our Technician, will need to cut more sections of card (generously donated from the Scrap Store), using the pre-made jigs to ensure the 60 degree cut for roof and front wall sections, during periods 1 and 2 on Monday.**

**All other prepared materials (awaiting payment), have been placed in the care of Mr J Mann.**

### **Week 3 of the project: Design and Preparation**

1. Ensure that you have all the resources:
  - a) One (1) A4 3mm MDF base board
  - b) Six (6) pieces of card to make four walls and roof
  - c) Premix paint coloured for the walls in a film pot
  - d) Premix paint coloured for the roof in a film pot
  - e) Two (2) small film pots of coloured sawdust
  - f) Newspaper, flat brush for painting walls and roof, separate flat bristle brush for the glue and PVA glue
  - g) One (1) Strip of 1:100 scaled windows and doors
  - h) One (1) cut-out 1:100 scaled solar panel
  - i) 10 mm (for road front) and 20 mm (for boundaries) strips of 3mm MDF for garden walls
  - j) Ensure that all parts are marked with the students name written on an inner surface of the card and underneath the board.
  - k) Two (2) pieces of pre-dyed sponge
  - l) One (1) large envelope (donated by the Scrap Store)

2. **Differentiation:** level 5.8 and above students to have baseboard marked with three garden walls (*lines in red*). Level 4.8 to 5.8 to have two garden walls. Below 4.8 to have only one garden wall.
3. Establish the base size and position of the house in relation to the garden lot, road frontage and compass bearing, ensuring that one plane of the roof faces the sun (south) and at least 1 meter (10mm at 1:100 scale) away from the boundary fence.
4. Draw out the garden design directly on the base board. This may be practically modified as the design process progresses. Spread PVA glue where grass, soil and gravel is to be laid and from the small film pots only (children are not to use directly from the large Glass Jars), sprinkle the coloured sawdust on the surface of the glue. Allow to dry.
5. Tap off the spare sawdust onto newspaper. Collect in the used sawdust into a separate jar for recycling (do not put back into any of the original jars).
6. Paint the outer surfaces of the card for the house or bungalow and the perimeter walls. Ensure that the brush is only ever 1/3<sup>rd</sup> charged with paint - students to be taught to wash brushes carefully at the end of this sequence. Allow paint to dry.
7. Students are to be carefully led through the clean-up process and well informed of expectations, one step at a time. Students to review first model making lesson during the plenary session (10 minutes)

S J Nicholson 31 October 2003 (open document)

Please distribute copy to Ms A Evans, Head of Faculty  
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