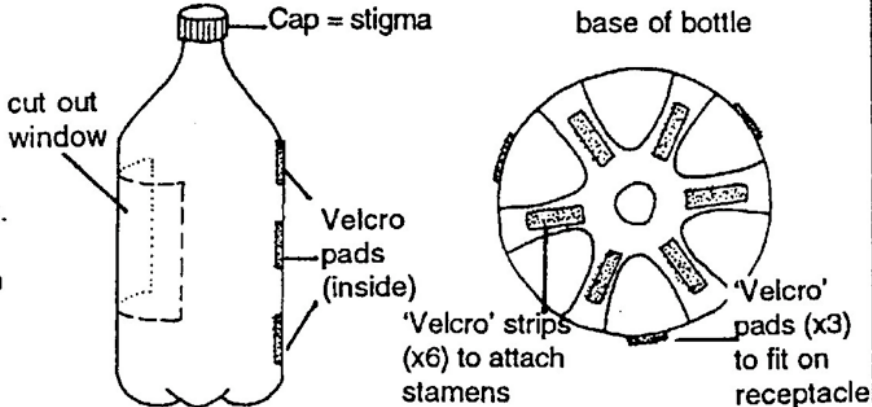
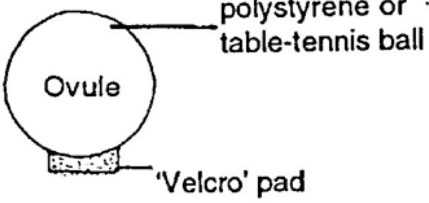
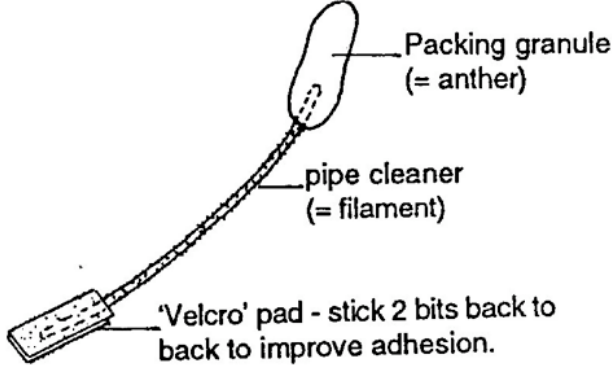
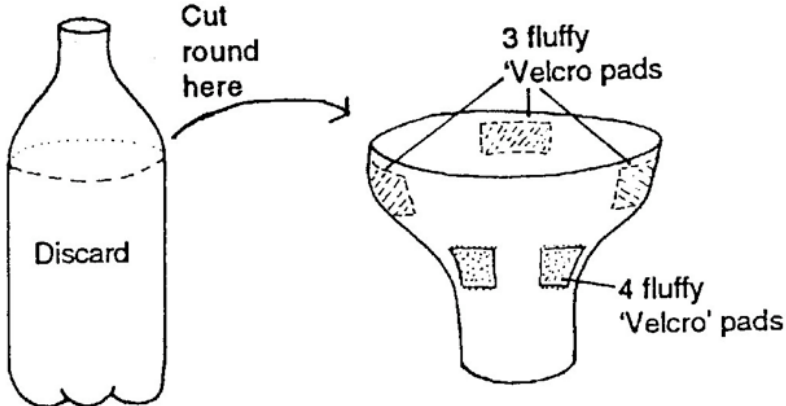
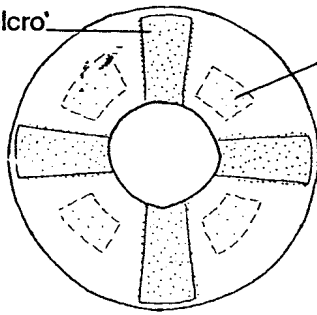


A model *Brassica* flower

Read these instructions carefully before you start. You will need: 250ml and 500ml bottles, velcro, 1 sheet A4 green card, 5 sheets A4 yellow card, 3 ping pong balls, 6 'whotsits' type packing material, 6 pipe cleaners, 4 wire twists, tube of cardboard.

<p>1. To make the pistil: cut a 250 ml plastic bottle, which has a 6-dimpled based, as shown by the dotted line. Stick 3 pads of 'Velcro' (hooked side) inside the bottle, opposite the window.</p> <p>Stick hooked 'Velcro' pads and strips on the base of the bottle as shown.</p>	
 <p>2. To make the ovules: stick a 'Velcro' pad (fluffy side) on each of three table-tennis balls or three 3-4 cm diameter polystyrene spheres.</p>	 <p>3. To make the stamens: the <u>anther</u> = rice-starch 'whotsit'-type of packing granule; the <u>filament</u> = pipe cleaner with 'Velcro' pad (fluffy side) at one end. Make 6 stamens, 4 x long (12cm) and 2 x short (6cm).</p>
<p>4. To make the receptacle and pedicel: cut the top section from a 500ml plastic bottle. Stick 3 'Velcro' pads (use fluffy 'Velcro' pieces) on the inside of the bottle to attach the pistil bottle. Stick 4 'Velcro' pads (fluffy side) on the outside of the bottle to attach the sepals</p>	

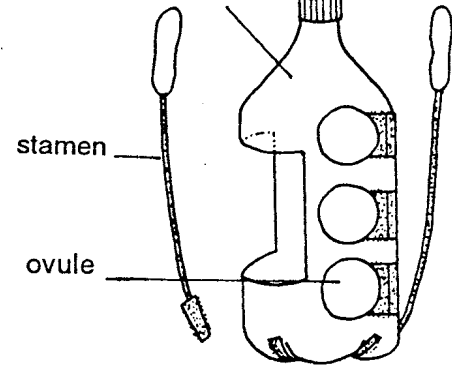
4 fluffy 'Velcro' strips



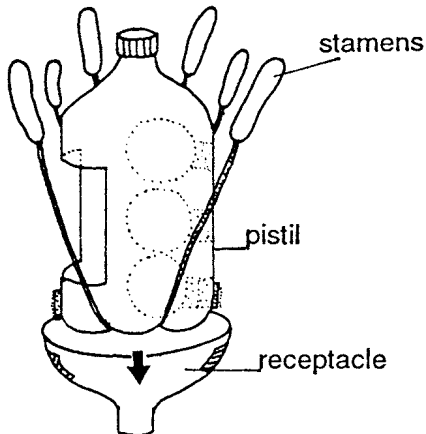
'Velcro' pads for sepals

5. Attach four 2cmx1cm strips of fluffy 'Velcro' pads, for petals, between pads already attached for sepals allowing strips to extend to bottle opening.

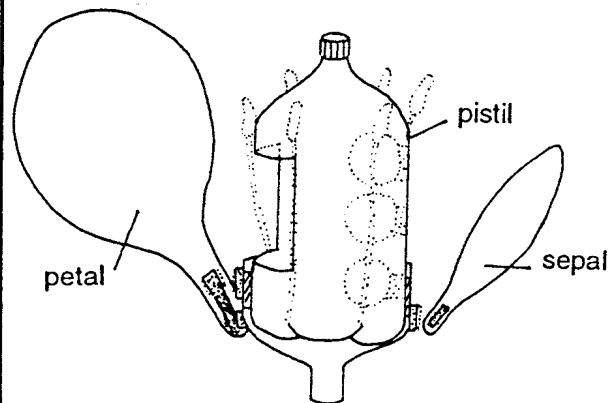
pistil bottle



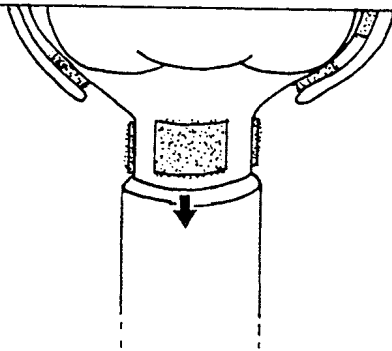
6. Stick the 3 ovules inside the pistil bottle. Stick the 6 stamens onto the outside of the pistil bottle.



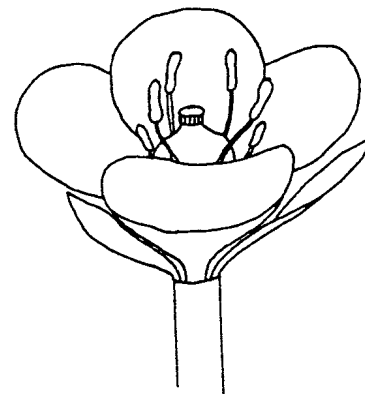
7. Attach the completed pistil bottle to the inside of the receptacle.



8. Prepare petals and sepals as shown on template overleaf. Attach the 4 petals to the outside of the receptacle. Then attach the 4 sepals to the outside of the receptacle.



9. Take a 15cm long cardboard tube of suitable diameter and push the neck of the receptacle into the tube.

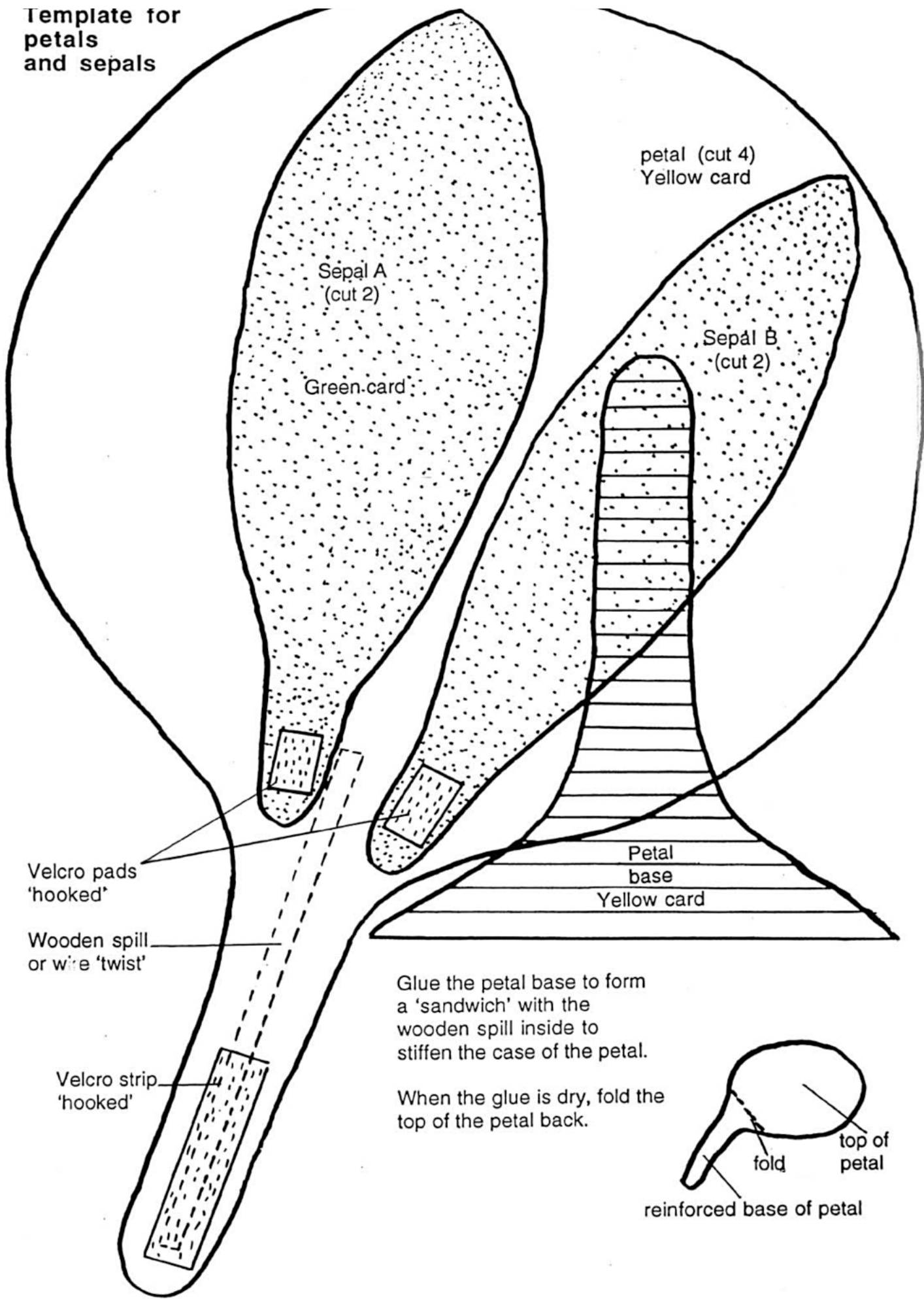


10. The flower is now assembled.

When sticking 'Velcro' pads onto the different parts of the model, make sure they will stick to their corresponding attachment pads.

Acknowledgements to Dr Barry Meatyard, Institute of Education, University of Warwick. Artwork by Linda Gray.

**Template for
petals
and sepals**



Velcro pads
'hooked'

Wooden spill
or wire 'twist'

Velcro strip
'hooked'

petal (cut 4)
Yellow card

Sepal A
(cut 2)

Green-card

Sepal B
(cut 2)

Petal
base
Yellow card

Glue the petal base to form
a 'sandwich' with the
wooden spill inside to
stiffen the case of the petal.

When the glue is dry, fold the
top of the petal back.

