

## Parts of a plant

→ *Teacher Guidance*

### Create a plant



Create a plant using a variety of materials from the box. The box can contain materials that could represent different parts of the plant. Depending on your selection, this can be used as a cross-curricular activity. You could, for example, use this as an opportunity to talk about sustainability and only put recycled items in the box. Let the children select from the box and construct a plant. They can stick it down on card. You can discuss with the children what each item represents as they construct the plant.

Here are some ideas for materials that you could use:

Part of plant	Possible materials
Stem	<ul style="list-style-type: none"> <li>• hollow pipe insulating foam</li> <li>• card tubing from foil/cling film</li> <li>• drinking straws</li> </ul>
Roots	<ul style="list-style-type: none"> <li>• long 'art' pipe cleaners</li> <li>• string</li> <li>• wool</li> </ul>
Flower	<ul style="list-style-type: none"> <li>• coffee filter (can be coloured)</li> <li>• cake cases</li> <li>• cake doily</li> <li>• milk bottle tops</li> <li>• paper plates</li> </ul>
Leaves	<ul style="list-style-type: none"> <li>• card/paper</li> </ul>

You will also need a set of labels for each part of the plant. These are provided as templates (page 29) for you to photocopy or you can download them from the SAPS website.

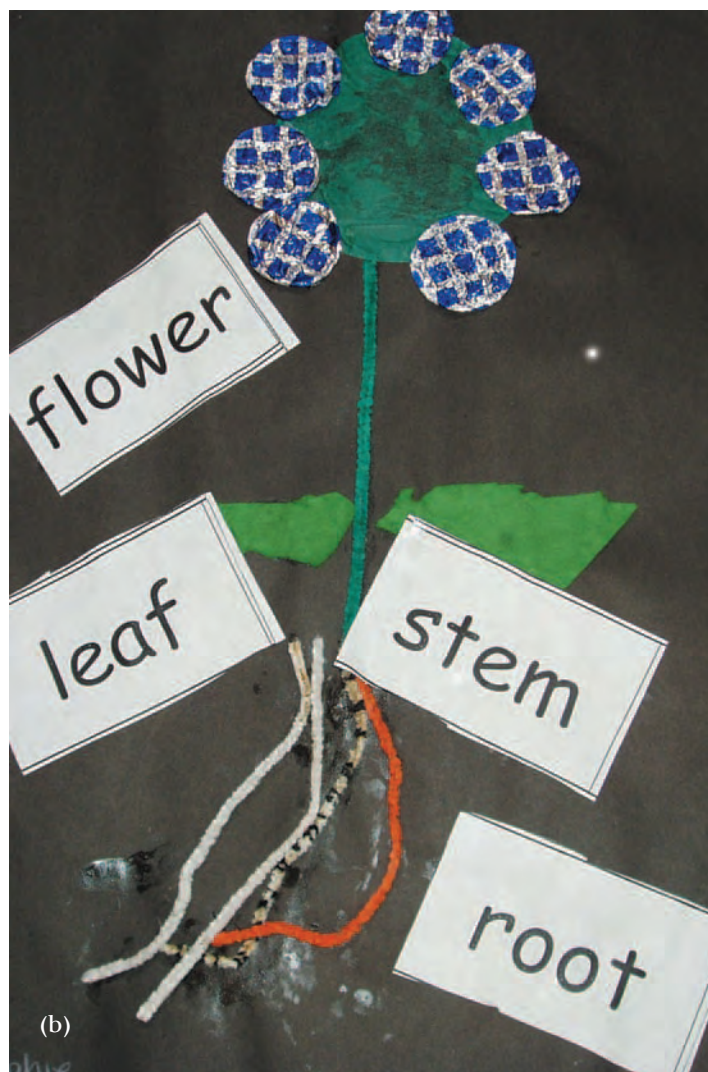


Figure 10. Some plants 'created' by children (at The Cavendish School).

(a) flower – egg box and milk bottle tops; leaf – green card; stem – drinking straw; root – pipe cleaners.

(b) flower – tissue paper and milk bottle tops; leaf – green card; stem – pipe cleaner; root – pipe cleaners.

## Curriculum links

National Curriculum (Sc2)

**KS1: 3b**

QCA guidelines – Scheme of work

**Unit 1B**

Scottish ISE 5-14 framework/attainment targets

**LT-B2.4**

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# Building a plant game

Templates of the different parts of plants are provided in this booklet (pages 30 and 31) for you to photocopy and make your own sets for your class. (Alternatively you can download them from the SAPS website.) Use a different colour of card for each part. If you laminate the parts, they will last longer and you can use them again.

The children then use these parts to build a plant. Each group (or child) needs a board on which to assemble the plant.

If playing the game outside, each group (or child) has a container (say a tray, box or bucket) with four parts of the plant and the four labels of plant parts (root, stem, leaf, flower).

When told to 'start', the first child takes one piece (from the container), runs to the board, then places the part on the board and runs back to the container. The second child (or 'first child' again) takes a piece and runs to the board to find a suitable position to place the next part, then returns to the group. This is repeated until all the pieces and labels have been assembled on the board. All in the group then go to the board to check the plant and they can make any adjustments they think are needed. When satisfied it is correct, they all sit down. The first group to sit down beside a correct plant is the winner.

Alternatively, this can be used as a classroom activity, around a table. As a variation, they can be timed, and see who has assembled the flower most quickly, or how much they have done in a certain time (e.g. two minutes).

### Curriculum links

National Curriculum (Sc2)	<b>KS1: 3b</b>
QCA guidelines – Scheme of work	<b>Unit 1B</b>
Scottish ISE 5-14 framework/attainment targets	<b>LT-B2.4</b>