



*The aims of these sheets are:*

- to increase the children's awareness of the tree as a plant
- to promote a greater appreciation of how trees are an essential part of our lives
- to guide the children towards further research



**POINTS TO MAKE:**

- that trees are an intrinsic part of life
- that the children have a role to play in caring for trees



**ACTIVITY 1**

Make a collection of different types of leaves, mix washing-up liquid with paint which can be carefully brushed onto one side of some leaves and make a print design on a large piece of paper.



*The children could design their own 'soft furnishing'. Use fabric crayons for a leaf design on an old sheet which could be cut up and made into a cushion.*



## ACTIVITY 2

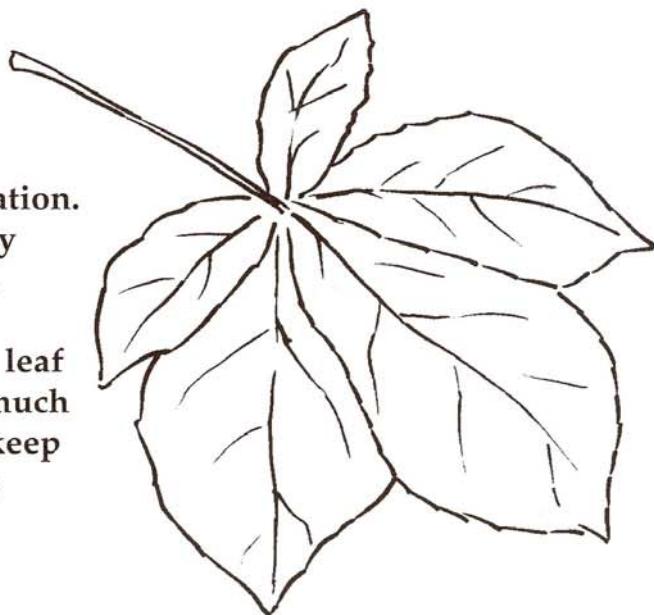
Press a selection of leaves in preparation for the children to make a leaf collage.



## ACTIVITY 3

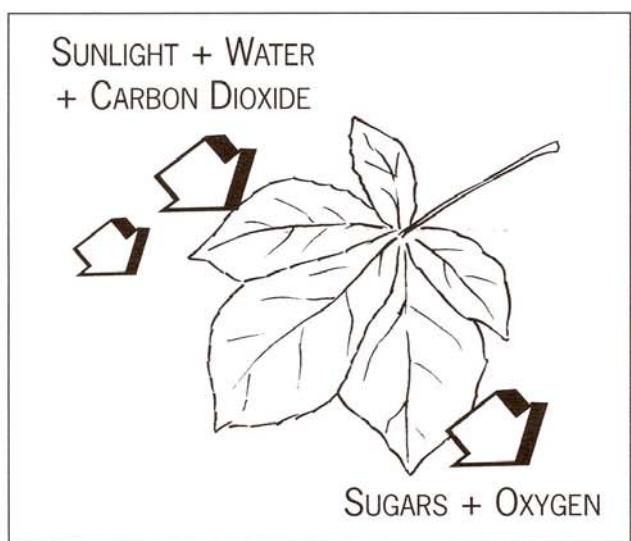
Try some drawing using close observation.  
Supply the children with good-quality paper, a sharp pencil and a hand lens.

Encourage them to look closely at the leaf they have selected and to include as much detail as possible. They will need to keep moving their eyes from the leaf to the drawing.



## ACTIVITY 4

Leaves act as solar panels, trapping the sun's energy and using it to produce food along with water and carbon dioxide.

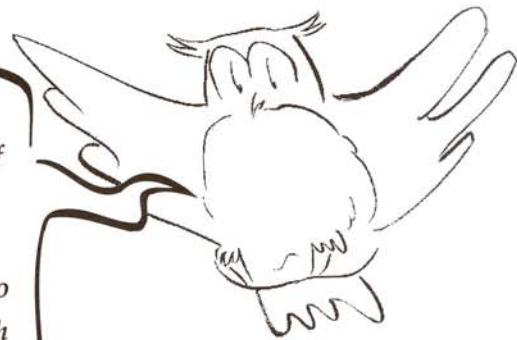


Measure the surface area of a selection of leaves on  $\text{cm}^2$  paper to find out how much sun is trapped by each leaf. If there are any trees on the school site the children could be set the challenge of calculating the total area of sunlight trapped by a single tree.



## ACTIVITY 5

After completing Activity Sheet 12B the children will be introduced to the idea of compiling their own tree study book. They could draw another worksheet of tree parts based on the tree they decide to study. They could write notes about each part of their tree, saying what makes it special and different to other trees.



## ACTIVITY 6

There are many different parts to a tree which can be useful to us. Trees have bark, sap, roots, leaves, flowers, fruit and seeds. The children could research the origins of cork, rubber, chewing gum and chocolate etc. They might like to make a collection of tree products alongside the classroom wood display. Highlight information which links with the cultural backgrounds of the children.

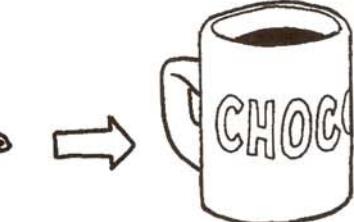
Research can be recorded in a way similar to the pictures below.



COCOA TREE



INSIDE A COCOA POD



CHOCOLATE DRINK