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forest pack

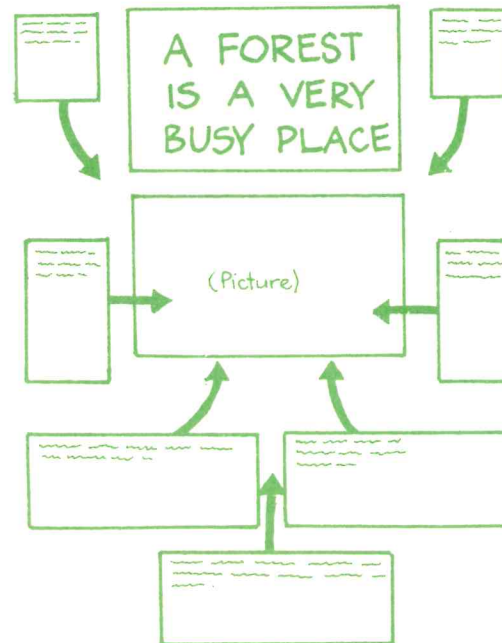


Produced by the Education Dept. in conjunction with the Forests Dept.

level k~2

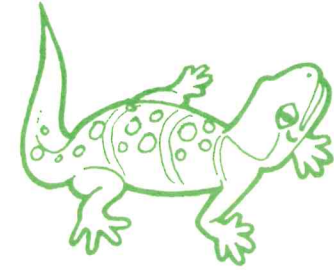
13-17. PROJECT SHEET

Children can draw pictures, use magazine pictures or make collages to complete the boxes. The sheets can be arranged on a pin-up board using arrows to connect important sections.



FOREST PACK

Teachers' Notes



K-2

WHY FOREST PACKS?

The activity sheets in this forest pack aim to:

- Develop an awareness of the value of the forest, not only to people but to the environment and the fauna.
- Increase the children's knowledge about the forest and its many components.
- Enhance the children's perception of the forest.
- Develop an appreciation of trees, how they grow and their many parts.
- Integrate the traditionally science oriented topic 'trees' with other subjects, eg. English, social studies and maths.

USING THE FOREST PACK

This K-2 forest pack comprises 12 sheets which are designed so that the children can work on them independently or in small groups. These notes have suggestions for the materials that are needed for each sheet.

This folder may be pinned to a pin-up board or it may stand on a desk. It would be valuable to obtain a bulk loan of books about trees and forests to supplement the sheets.

The forest pack can, if possible, become the focus of a tree interest centre, in which children's work can be produced and displayed.

Allow the children time to work at the centre. Some sheets may be done alone or by the whole class. Keep a box or tray nearby, for children to place their sheets to be checked.

1. THE FOREST - Provide large pieces of drawing paper, scissors and glue. Allow some pin-up space for children's work.
2. LOOK AT NUTS AND FRUIT - Children will need to collect fruit from the ground around the trees in the home or school garden.

3. LOOK AT FLOWERS - Allow children time to look around the school grounds to observe flowers. Any flowers brought into the classroom from home gardens can be observed in this way.
4. LOOK AT SEEDS - Some seeds should be supplied in a small container (Mixed bird seed is ideal). Seeds from garden trees or from fruit or vegetables are also suitable. The children use the circles to separate sets of seeds.
5. LEAVES
 - (a) Children will need to go outside to collect different leaves. Provide art paper and crayons.
 - (b) It would be wise to put newspaper over the desk tops.
6. A TREE HAS MANY PARTS - Children may work in pairs, or in small groups. The teacher may like to discuss the variations in all these parts, that will be found from tree to tree.

7.

- (a) THANK YOU TREES - Copies of this sheet should be made so that each child can draw pictures in the spaces to show what we get from trees.
 - (b) A TREE IS A HOME - Copies should be made. Each child will need to go outside to find animals.
- 8.
- (a) A TREE GROWS - The children will need to go outside to observe trees at various stages of growth.
 - (b) GROW YOUR OWN TREE - This is an information sheet which may be read and discussed before a tree planting activity.

9. MAKING MUSIC - Children will need a plastic bottle to hold nuts. It may be possible to incorporate the musical instruments in a song or poem recital about trees.

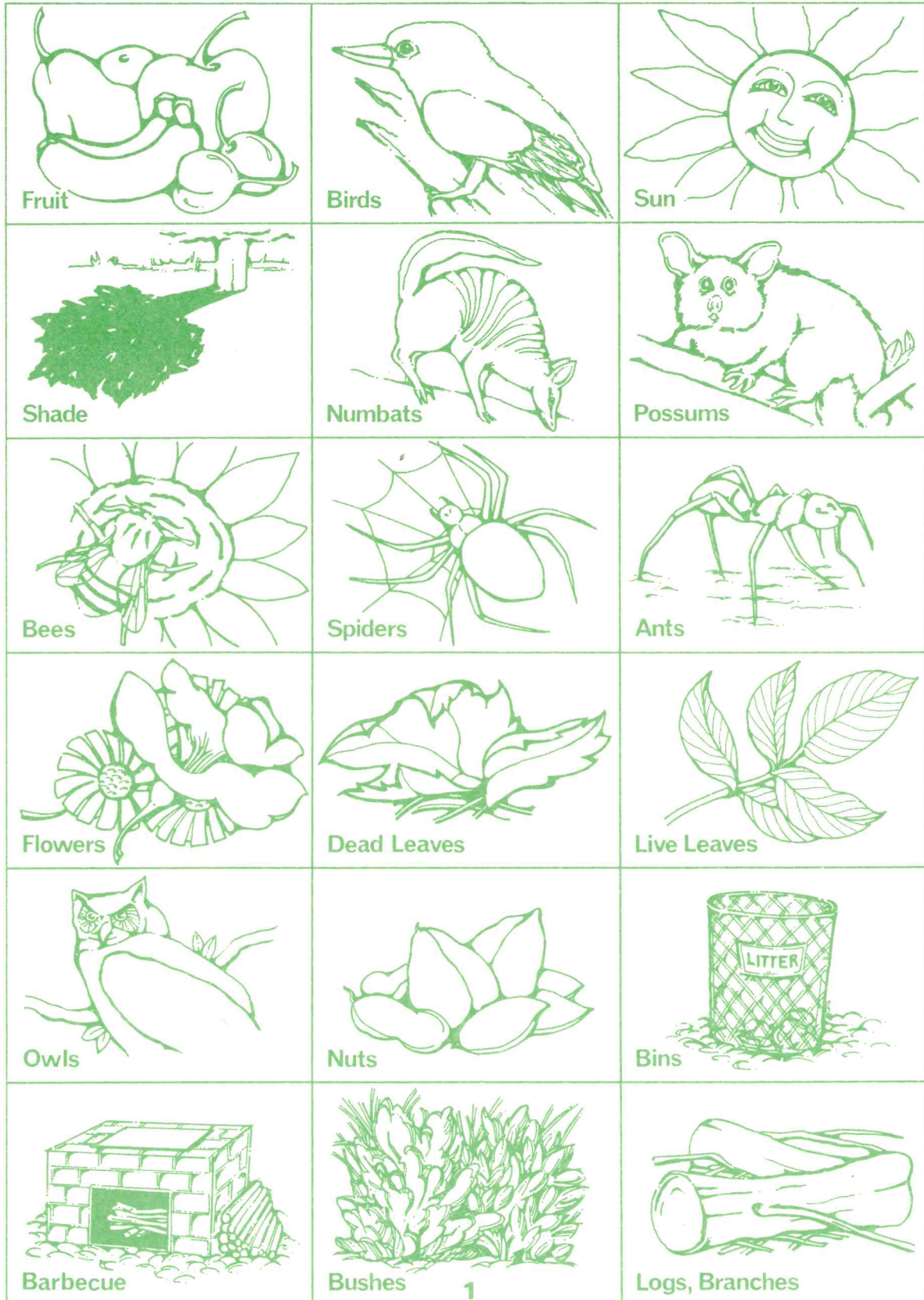
10. FOOD FROM TREES - Provide magazines for children to find pictures of food which trees provide.

11. THE LITTLE TREE - (Poem)
Children can read this poem for appreciation, by themselves or to a partner. Provide art materials for children to draw their own tree, in response to the poem.

12. SNAP - The cards should be carefully cut out, to use with small groups in a game of snap. If more sets of cards are required, photocopy the sheet several times.

THE FOREST

- On a big piece of paper draw a forest.
- In your forest, draw ; a stream, a place for a picnic, plenty of trees and some people.
- Cut out the pictures below and stick them onto your drawing in the right places. Colour the pictures.



Look at Nuts and Fruit

Look for fruit on trees in the playground.



Find two trees with the same fruit .

A banksia and a pine tree have very big fruit.

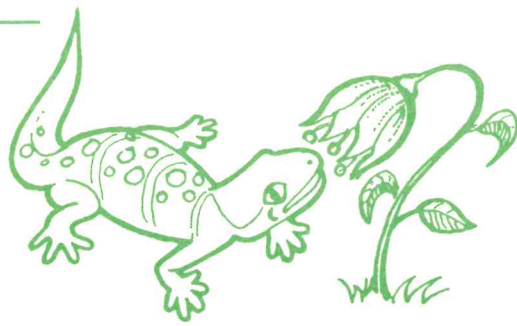


Are there any in your school?

Insects like to eat some fruit . Look for insects on the trees.



Boys and girls like to eat fruit too .
Draw some fruit which you like to eat.



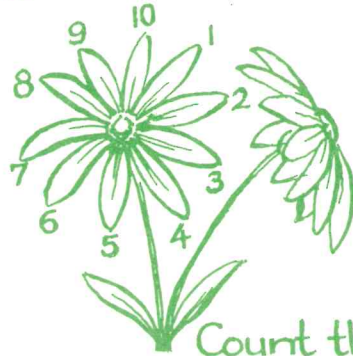
Look at Flowers

1. Look at lots of flowers in the school grounds .

Smell them..

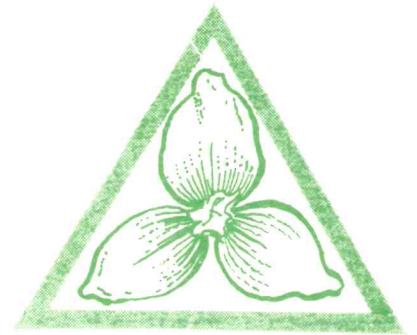
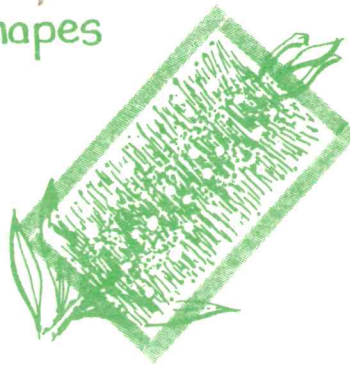
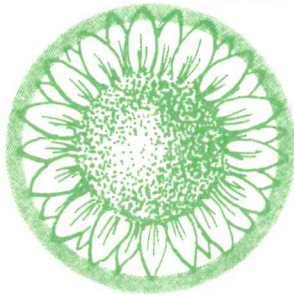


Look at colours..



Count the petals..

Look at shapes



Find some flowers which

..grow by themselves



..grow in clusters



..have long stems

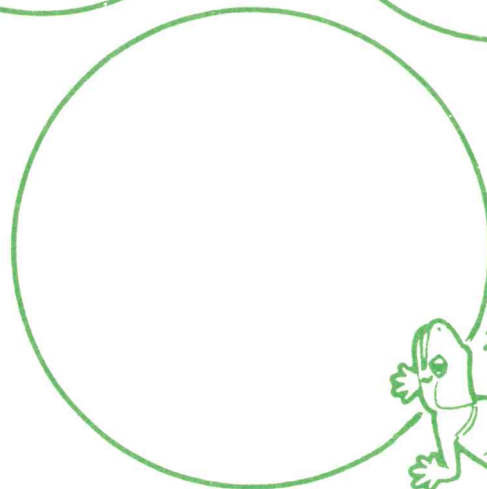
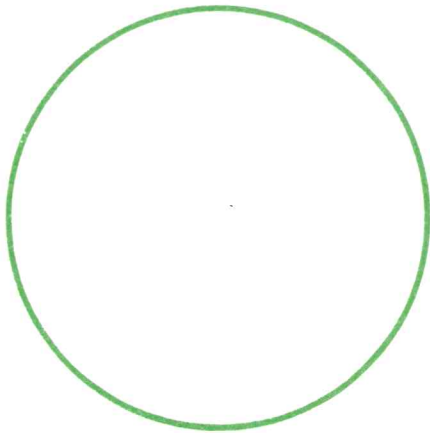
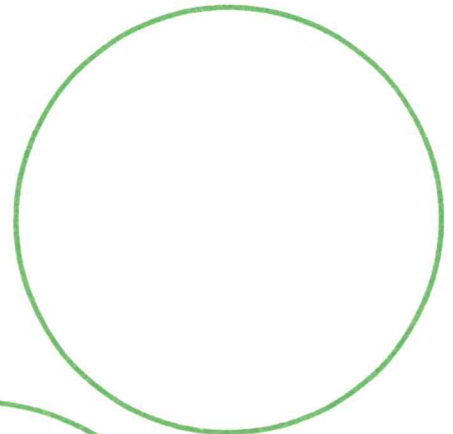
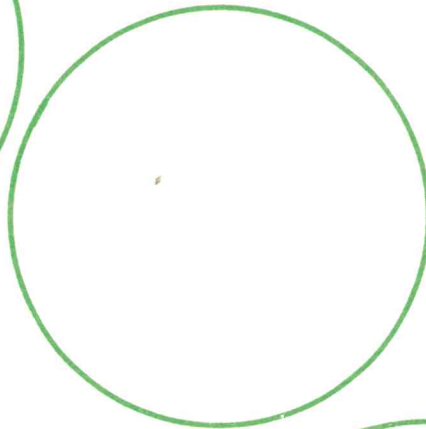
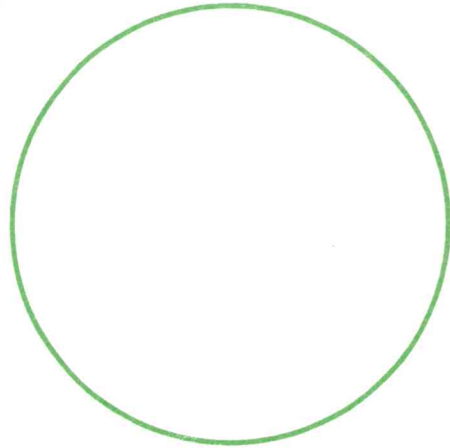
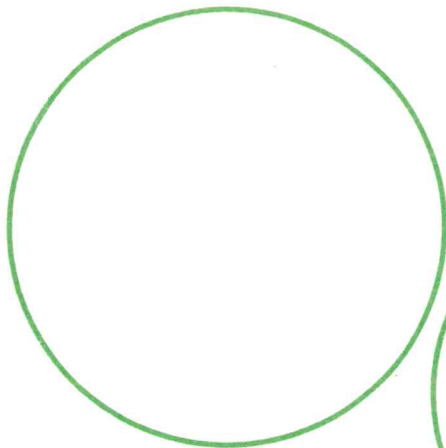


..hang down



Look at Seeds

1. Sort out the seeds.
Talk to your partner about how you sorted them.
Let your partner try a different way.



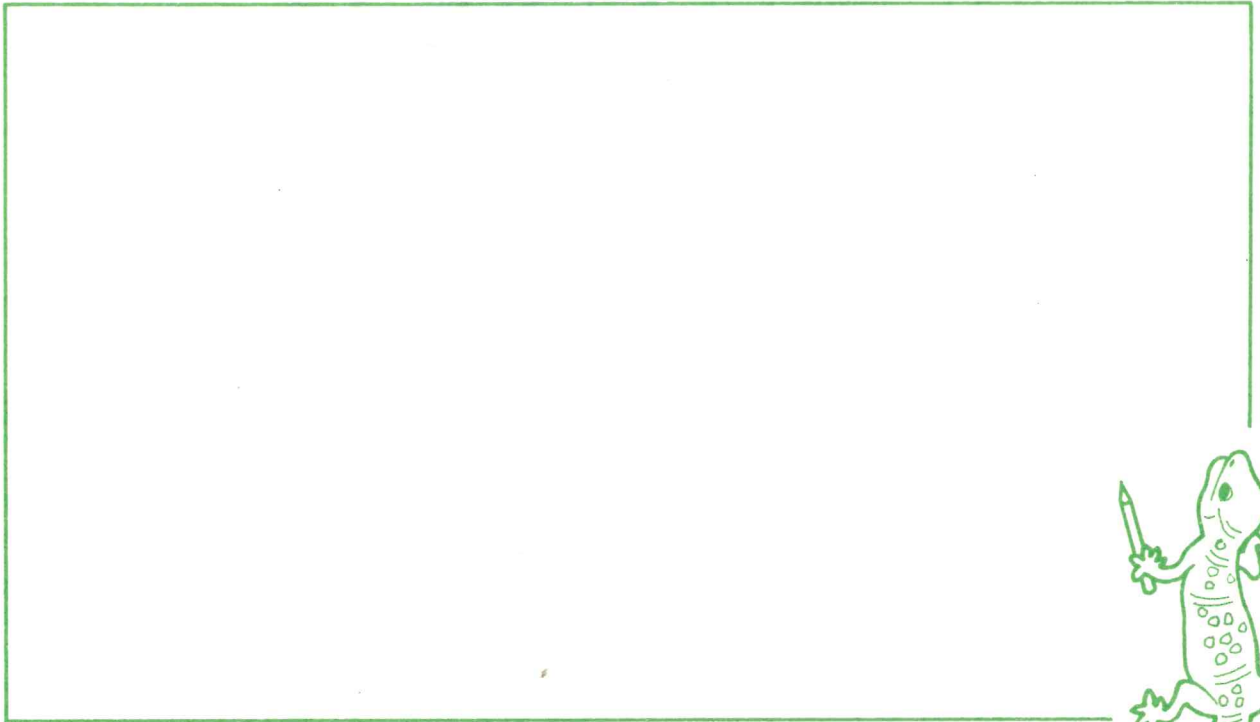
Do you have any ...

hard seeds, soft seeds,
big seeds, small seeds,
flat seeds, round seeds,
prickly seeds, smooth seeds?

Leaves

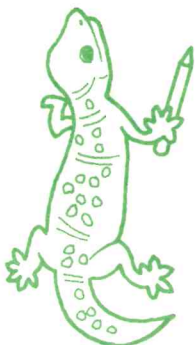
Leaves have many shapes.

Draw some different leaves.



Are they all the same colour?

Draw some different coloured leaves.



LEAVES

1. Find a leaf that you like.

2. Hide it under a piece of paper.

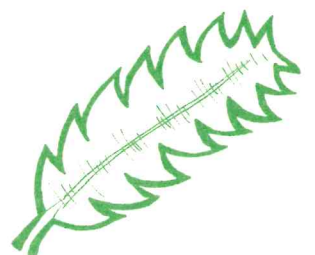
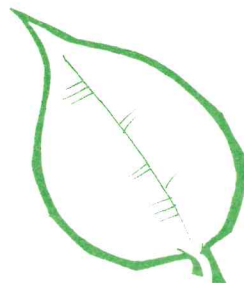
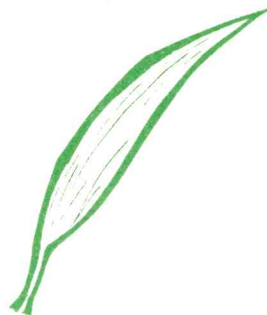
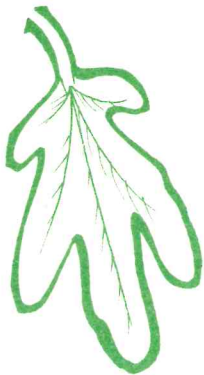
3. Use the side of your crayon to colour your sheet of paper.

4. You have not drawn anything
but ...
something is on your paper.
What is it?

5. Try this trick using another
sort of leaf.



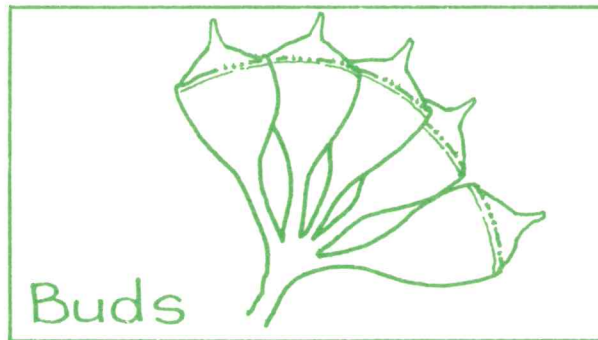
Can you find any leaves shaped like these?



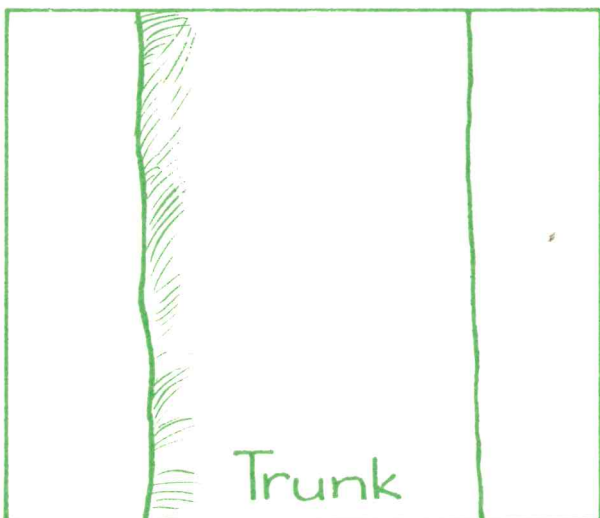
A Tree has Many Parts



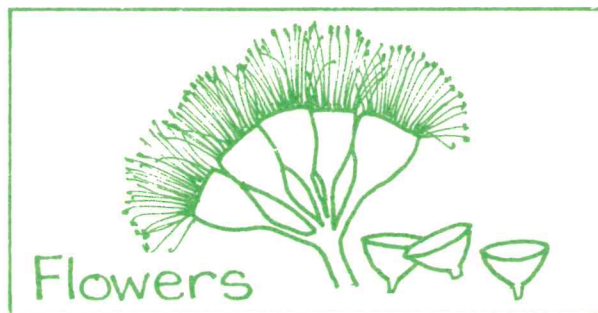
Leaves



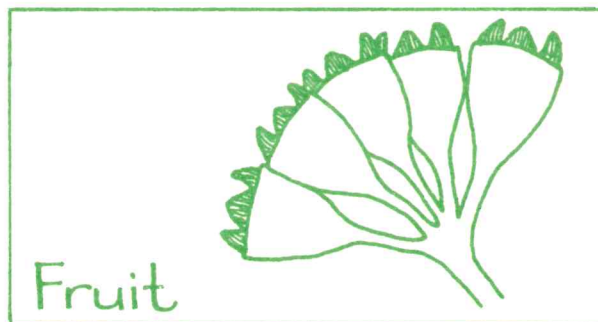
Buds



Trunk



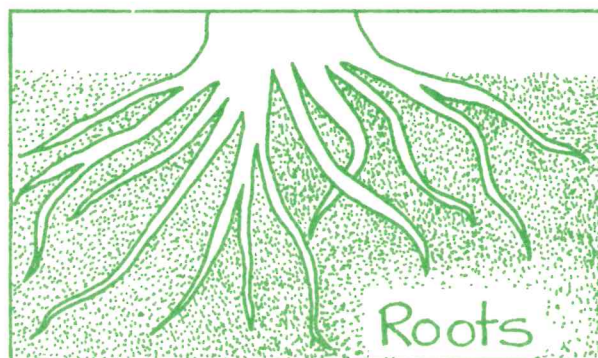
Flowers



Fruit



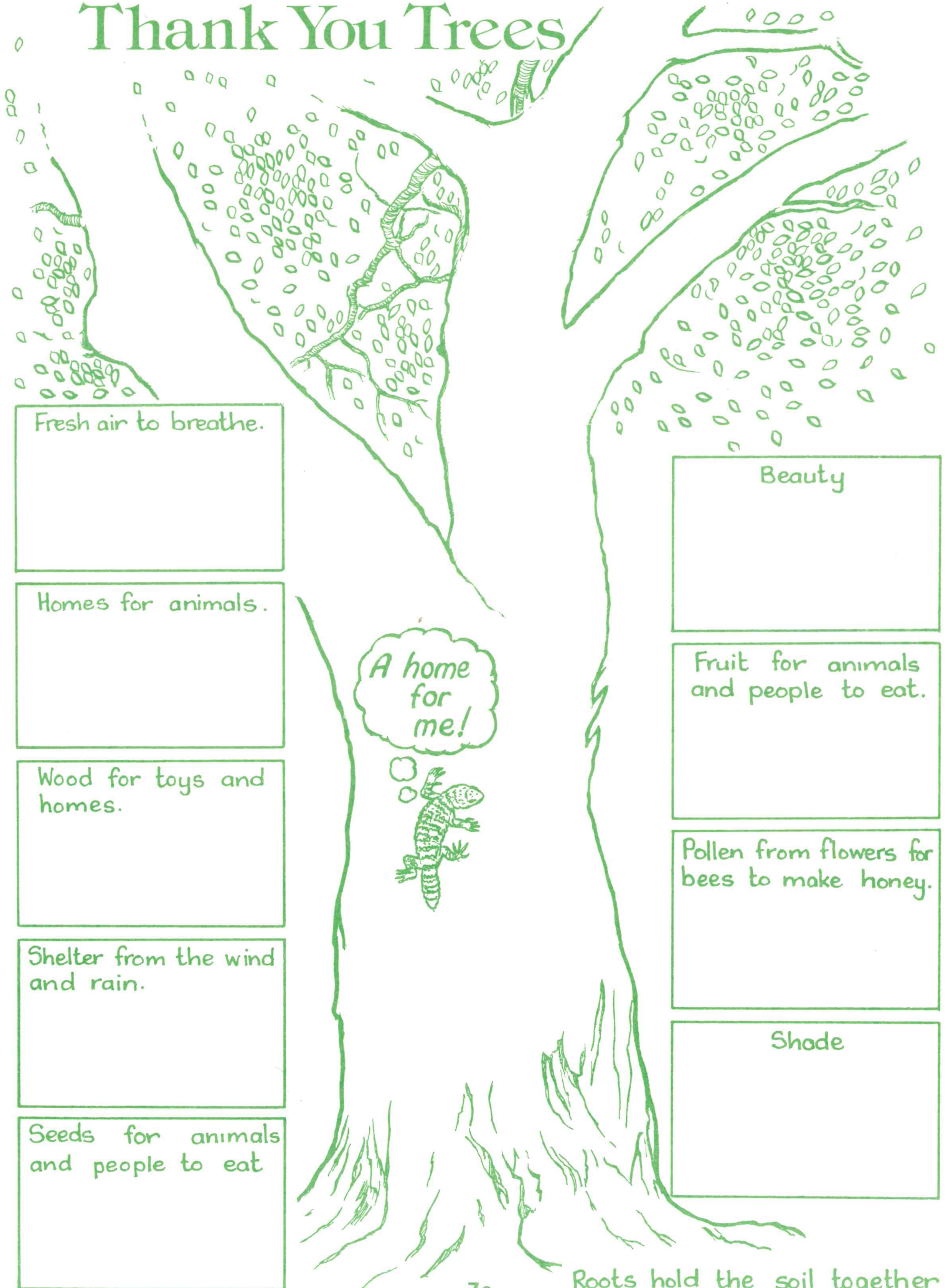
Branches



Roots

Look at the trees in the playground. Try to find each of the tree parts shown in the pictures.

Thank You Trees



Fresh air to breathe.

Homes for animals.

Wood for toys and homes.

Shelter from the wind and rain.

Seeds for animals and people to eat

Beauty

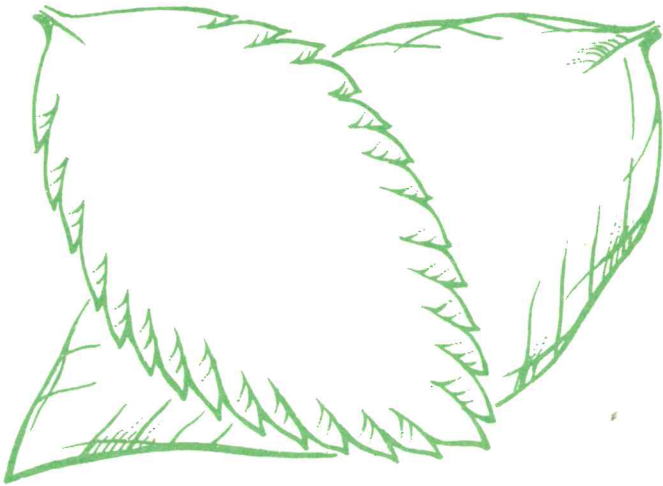
Fruit for animals and people to eat.

Pollen from flowers for bees to make honey.

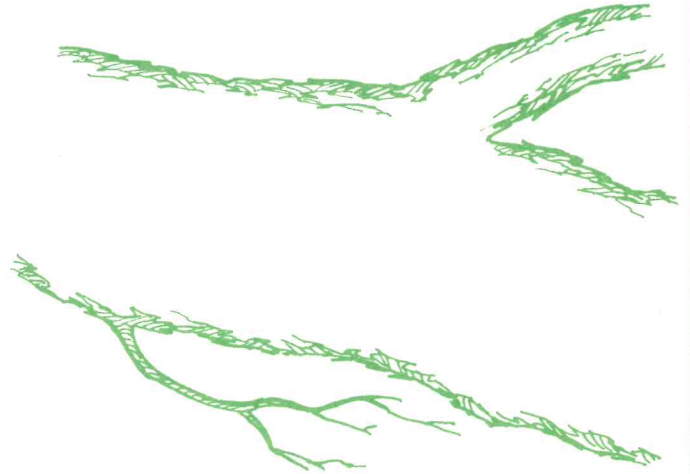
Shade

A Tree is a Home

Find yourself a tree. Draw any animals you see on it.



On the leaves



On a branch



On the bark

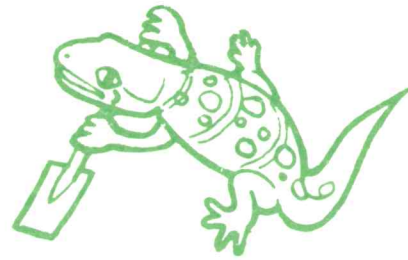


Around the tree

What animals were the most interesting? Find out more!

A Tree Grows

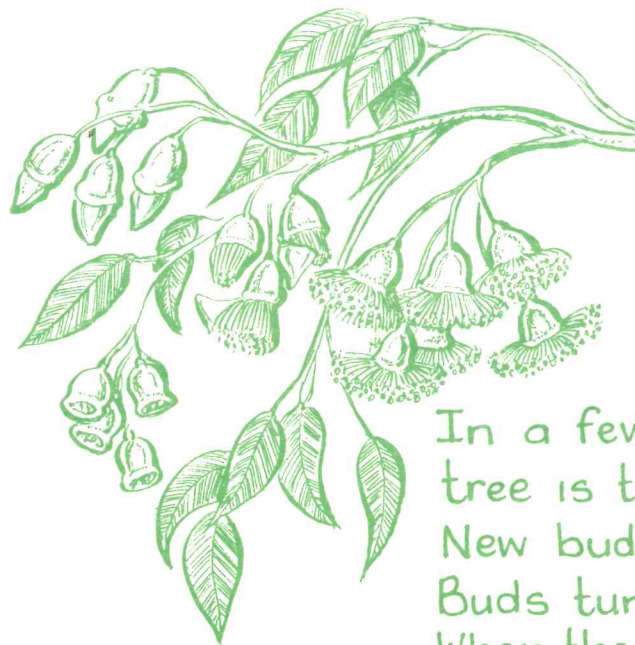
A tree starts as a tiny seed.



Water and sunshine help it to grow.



The seed grows into a seedling, if it's lucky! Animals love to eat the soft new shoots.



In a few years the tree is tall and strong. New buds grow. Buds turn into flowers. When the flowers have gone, the seed cases are left.

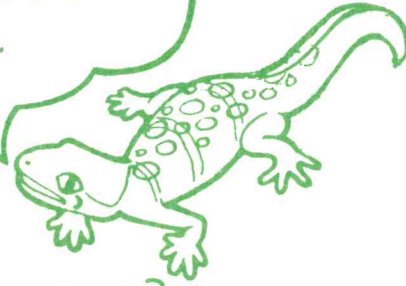


A tree lives for many years. It can be a home for animals. Some animals eat its leaves and fruit.

Find a young tree and an old tree in the garden. Are the leaves, the bark and the fruit the same?

Grow Your Own Tree

I might live there one day.



① How tall is your tree going to grow?



② Find a good spot to plant it.



③ Water the seedling



④ Dig a large hole – bigger than the pot.



⑤ Turn out the seedling and loosen the coiled roots.



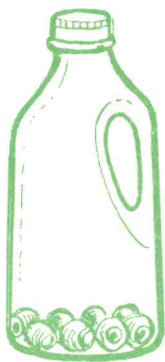
⑥ Put the seedling in the hole and fill it with soil.



⑦ Press the soil down with your hands and feet. Water it well.

⑧ Care for your tree. Water it carefully. Weed around the roots.

Making Music



- ① Make a shaker with one kind of nuts. Get your partner to use different nuts. Compare the sounds.

- ② Use some dead wood to make tappers.



- ③ Listen to the sounds which a tree makes. Use dry fallen leaves to make some sounds.

Crush some dry leaves in your hand.
What kind of sound do they make?

- ④ Leaf Blowing
Hold two gum leaves together.
Put your lips to the edges and
blow softly.
Keep your lips 'loose'.



What happens?

FIND OUT WHAT FOOD TREES WE GET FROM ..

eg. fruit, honey and nuts.



stick pictures onto this tree

The Little Tree

"Where are my leaves?"
Cried a poor little tree.
When he woke
On a winter's day.

"I've nothing on,"
Cried the poor little tree,
"My leaves have
Blown away."

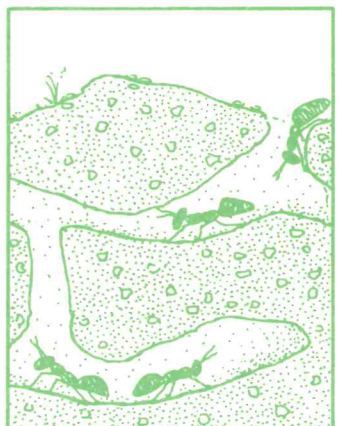
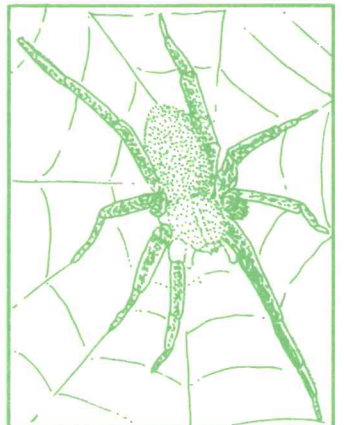
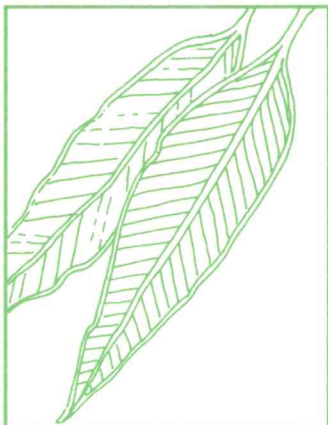
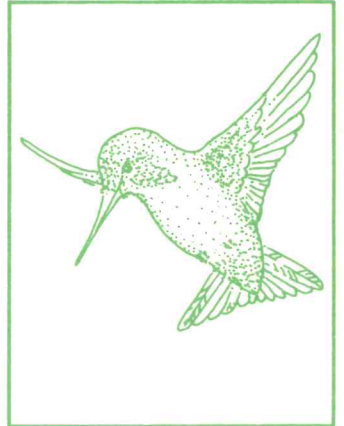
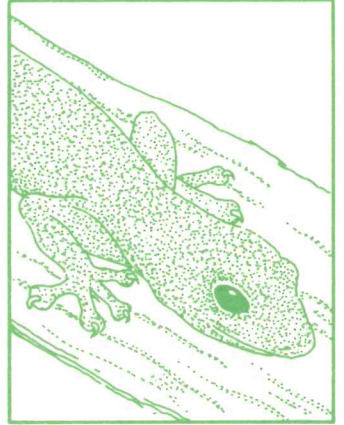
A kind old tree
In the garden next door
Whispered a secret
Over the wall.

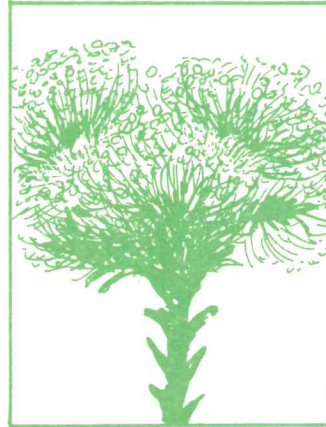
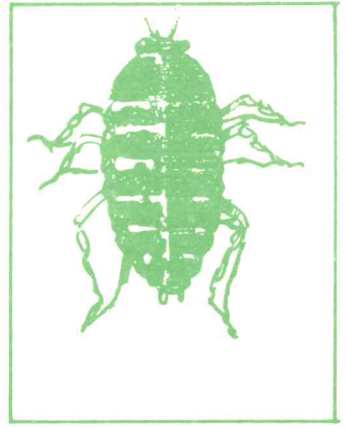
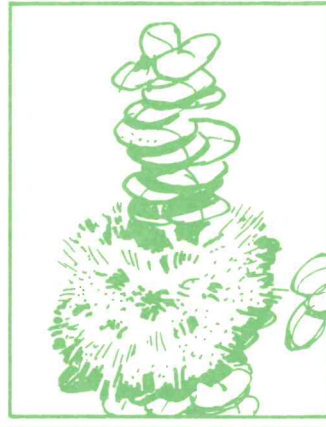
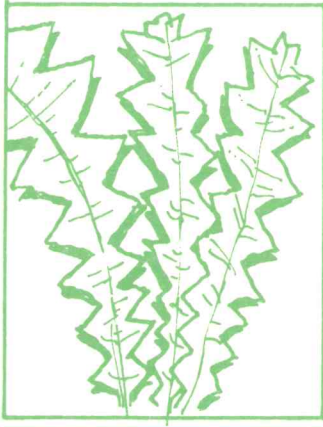
The little tree listened
Then closed his eyes,
Tucked in his branches
Until Spring came by.

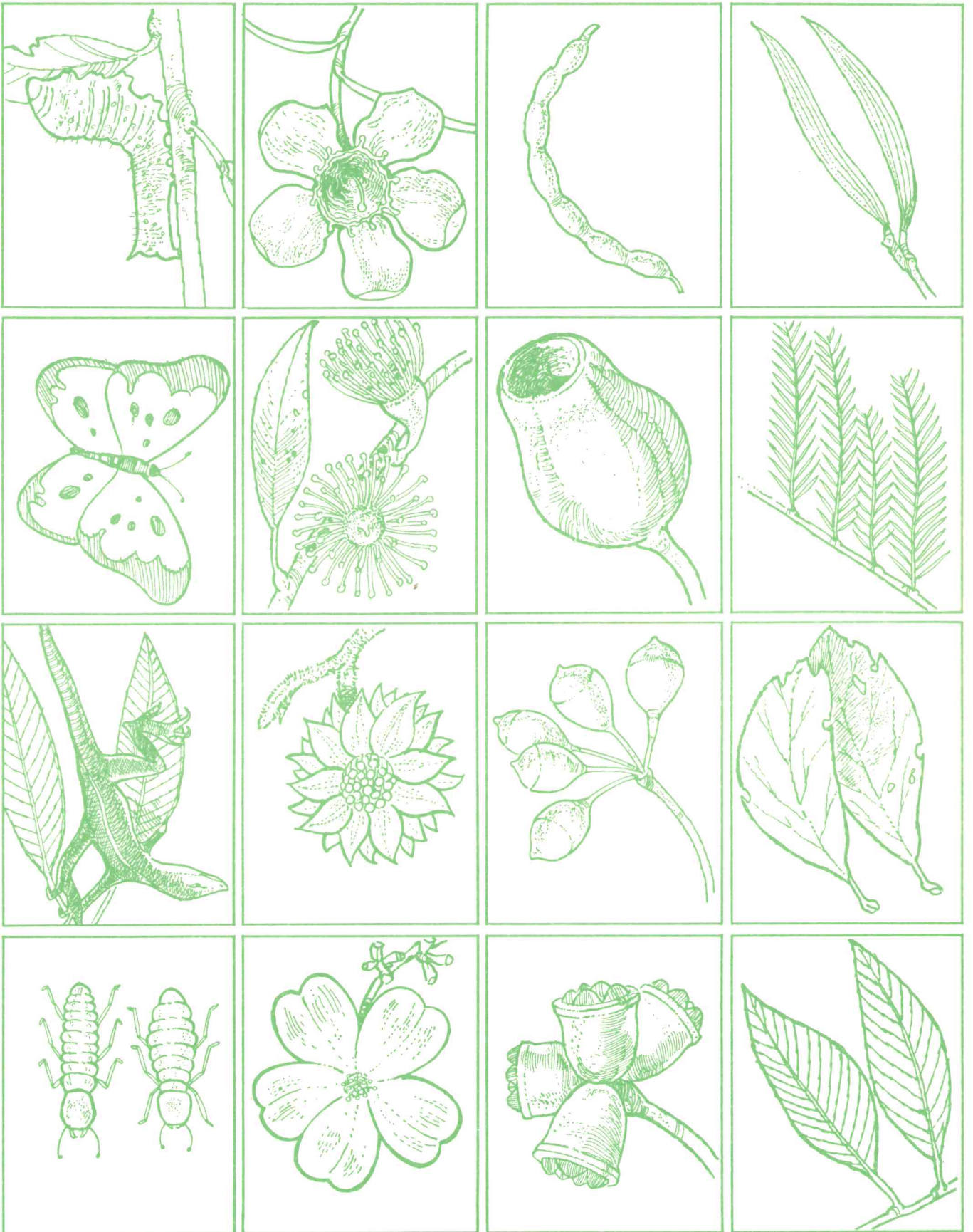


Snap

Carefully cut out the cards and play SNAP with some friends. Leaves SNAP with leaves. Fruit SNAP with fruit. Flowers SNAP with flowers and animals SNAP with animals.







A FOREST

IS A VERY

BUSY PLACE

We all have to be careful not to leave litter behind.

Many animals live in a forest. There are small ones like beetles and large ones like kangaroos.

There are trees, shrubs and flowers in a forest. Birds can be heard singing in the trees.

Leaves fall on the ground. Some little animals like to live in among the leaves.

There are many workers in the forest.

The forest is a good place
to walk and to have a picnic.

A wild fire can badly damage
the trees and animals in a
forest. All campfires must
be put out carefully.



