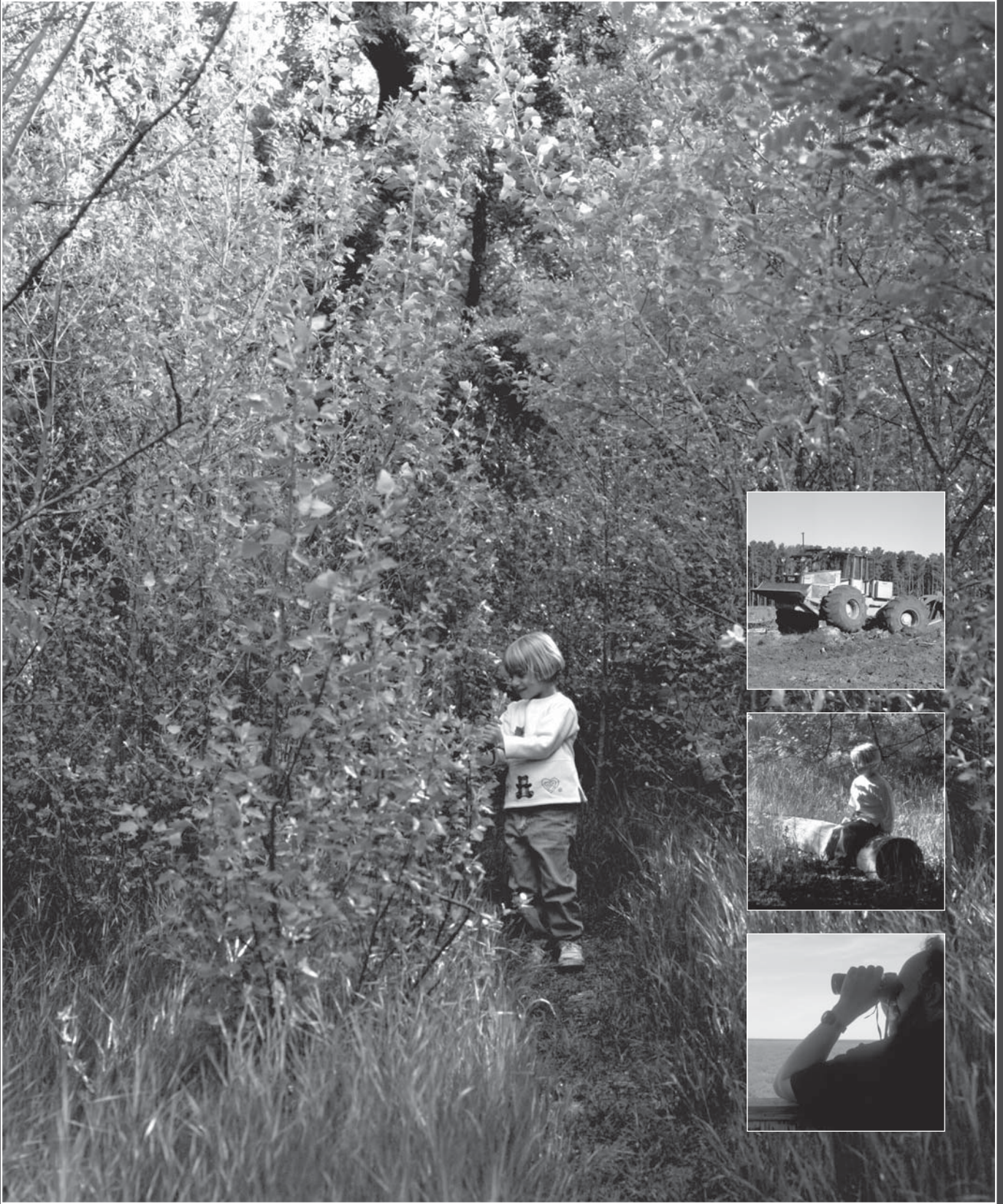


# Junior Primary Section

Reception - Year 2



**Government of South Australia**  
Primary Industries and Resources SA

# Junior Primary Section

## An Introduction for Teachers

---

### **Welcome to the Junior Primary teacher section of this resource.**

In this section you will find everything you need to implement a successful unit of work on the topic of Forests and Forestry.

The Lesson Ideas and Activities are specifically designed for students from Reception to Year 2, and each has been designed to allow maximum flexibility in catering for different needs in the classroom.

Lesson Plans, Student Activity Sheets, Extension Ideas, and a comprehensive list of resources will make planning your unit of work both successful and enjoyable.

### **Lesson Plans and Accompanying Activity Sheets**

Each lesson plan is designed to be taught as a sequential component of the topic, but can also be taught as a stand-alone lesson. They have been specifically designed for Reception to Year 2 students.

Each lesson plan has a correlating activity sheet on the page opposite. Teachers may photocopy these sheets for classroom use. The sheets are appealing to students and allow them to easily record their learning and experiences.

### **Book List**

This section includes a list of resources that complement these units of work.

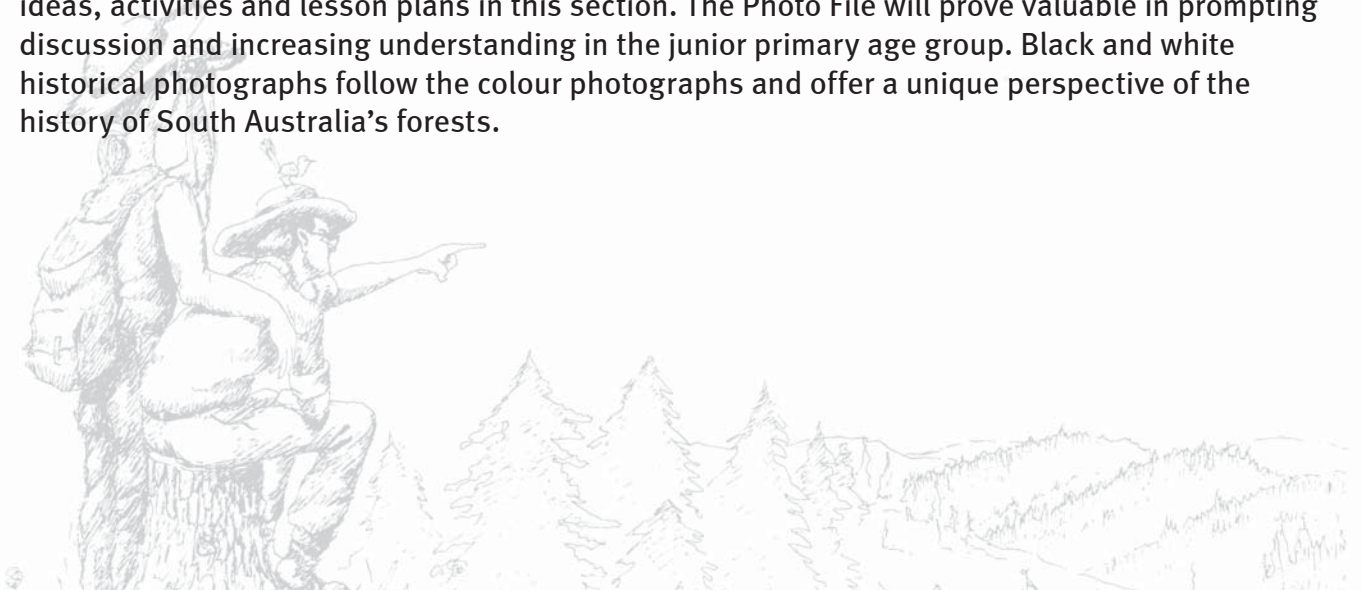
### **Extension Ideas**

At the end of this section you will find a page entitled *Extension Activity Ideas*. These ideas can be used to extend fast workers and students with higher intellectual potential. The activities require little or no resources and preparation. The ideas and activities are designed so that students can work on them individually and independently. They may also be adapted and used as whole class activities should you wish to extend and build upon the lesson plans.

The extension ideas may also be helpful in composite classes.

### **Photo File**

In the Photo File section of this resource you will find the photos referred to throughout the ideas, activities and lesson plans in this section. The Photo File will prove valuable in prompting discussion and increasing understanding in the junior primary age group. Black and white historical photographs follow the colour photographs and offer a unique perspective of the history of South Australia's forests.



# Lesson Ideas in Key Learning Areas

---

## Studies of Society and the Environment

- 🌳 Look at the photos, and discuss what students see in the photos.
- 🌳 Brainstorm and list as many jobs as possible that depend directly or indirectly on forests.
- 🌳 Read **City Green** by *DyAnne DiSalvo-Ryan* and plan a project for somewhere in your school or local community where a community garden could be established.
- 🌳 Look at photos 3 and 4 and discuss what must have happened in between the taking of the two photos.

## Science and Technology

- 🌳 Plant some seeds and watch them grow. Monitor and graph their growth. What happens to seeds left in the cupboard, compared to seeds left in daylight?
- 🌳 How do you think an acorn becomes an oak tree? Research how it happens.

## English and Language

- 🌳 Write a poem about trees.
- 🌳 Read **The Lorax** by *Dr Seuss*.
- 🌳 Write a story about a happy tree. Why is the tree happy? Write a story about a sad tree. Why is the tree sad? Discuss what we can do to help trees.
- 🌳 Integrate this unit of work with the LOTE teacher and encourage students to learn keywords for the topic in the school's second language.

## Health and Physical Education

- 🌳 Create an obstacle course using the trees in the school yard.
- 🌳 Go for a walk around the school to study its trees, plants, birds, insects and animals.

## Mathematics

- 🌳 Record and graph the growth of grass seeds planted by the students.
- 🌳 Find the tallest tree in the school and brainstorm different ways to measure it.

## The Arts

- 🌳 Draw or paint a picture of a forest.
- 🌳 Draw a picture about one of the books your class has read about forests.
- 🌳 Use different-coloured soils and clays to create a piece of artwork in an indigenous style.

# Lesson Plan

## What is a Forest?

---

### Tasks

- 🌲 To introduce the topic of Forests and Forestry.
- 🌲 To establish what the students already know about the topic.
- 🌲 To identify areas within the topic that students would like to learn more about.
- 🌲 To create and provide a base foundation for interesting discussion and learning.

### Key Learning Areas

- 🌲 Studies of Society and the Environment.
- 🌲 English and Language.

### Resources Needed

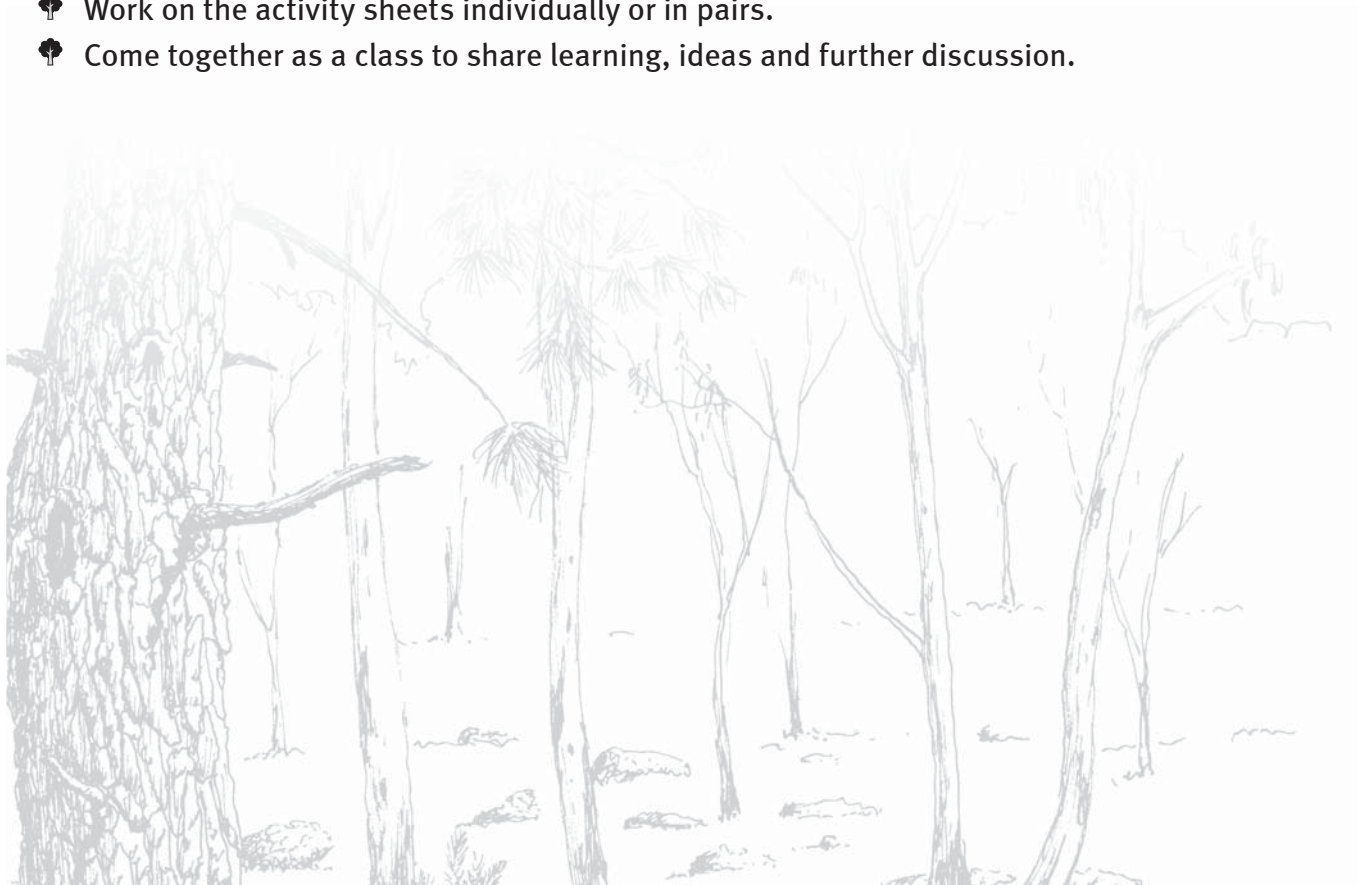
- 🌲 Photo File (*see photos 7 and 11 in the Photo File section of this resource*).
- 🌲 Activity Sheet.
- 🌲 Information about local and state forest reserves.

### Learning Outcomes

- 🌲 Students will begin to think about the questions ‘What are forests?’ and ‘What is forestry?’
- 🌲 Students will identify some forestry key words.

### Lesson Layout

- 🌲 Introduce the topic of forests and forestry to the students.
- 🌲 Create a forum for class discussion.
- 🌲 Work on the activity sheets individually or in pairs.
- 🌲 Come together as a class to share learning, ideas and further discussion.



# What is a Forest?

## Let's Talk about Forests!

Look at the photographs below.

What words and sentences do you think of when looking at the photos?

Write them down next to the photographs.

What is happening in the pictures?



---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



What can you remember from when you talked about forests? Can you remember any forestry Keywords? Write them below.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

# Lesson Plan

## What is a Tree?

---

### Tasks

- 🌳 Discuss the question - 'What is a Tree?'
- 🌳 Look at the different parts of a tree.
- 🌳 Discuss the vital role trees play in our environment.

### Key Learning Areas

- 🌳 Studies of Society and the Environment.
- 🌳 English and Language.
- 🌳 Health and Physical Education.

### Resources Needed

- 🌳 Shoe box, or other box of a similar size.
- 🌳 Scrap material, scissors, masking tape, leaves - dried and fresh, pine cones, twigs, bark and nuts.
- 🌳 Materials are for the construction of a forestry feely box.

### Learning Outcomes

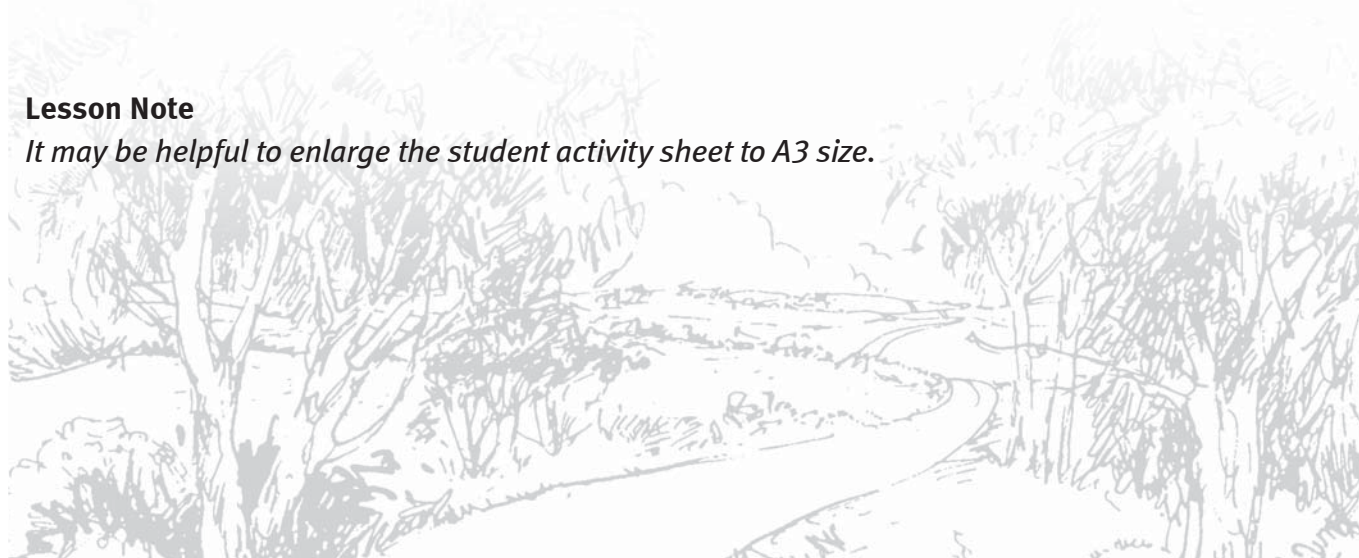
- 🌳 Students will be able to answer the question – 'What is a Tree?'
- 🌳 Students will learn about the different parts of a tree.
- 🌳 Students will begin to develop an understanding that there are different types of trees.
- 🌳 Students will begin to learn ways in which we can care for trees.

### Lesson Layout

- 🌳 Introduce the lesson with the feely box.
- 🌳 Ask students to come up one at a time, feel what is in the box and try to describe one of the items without saying what it is.
- 🌳 See if the class can guess what the item is.
- 🌳 Discuss the fact that trees, like people or cars, have many different parts.
- 🌳 Students can work in groups to complete the activity sheet.
- 🌳 Students sit in a circle to share and discuss their work.

### Lesson Note

*It may be helpful to enlarge the student activity sheet to A3 size.*

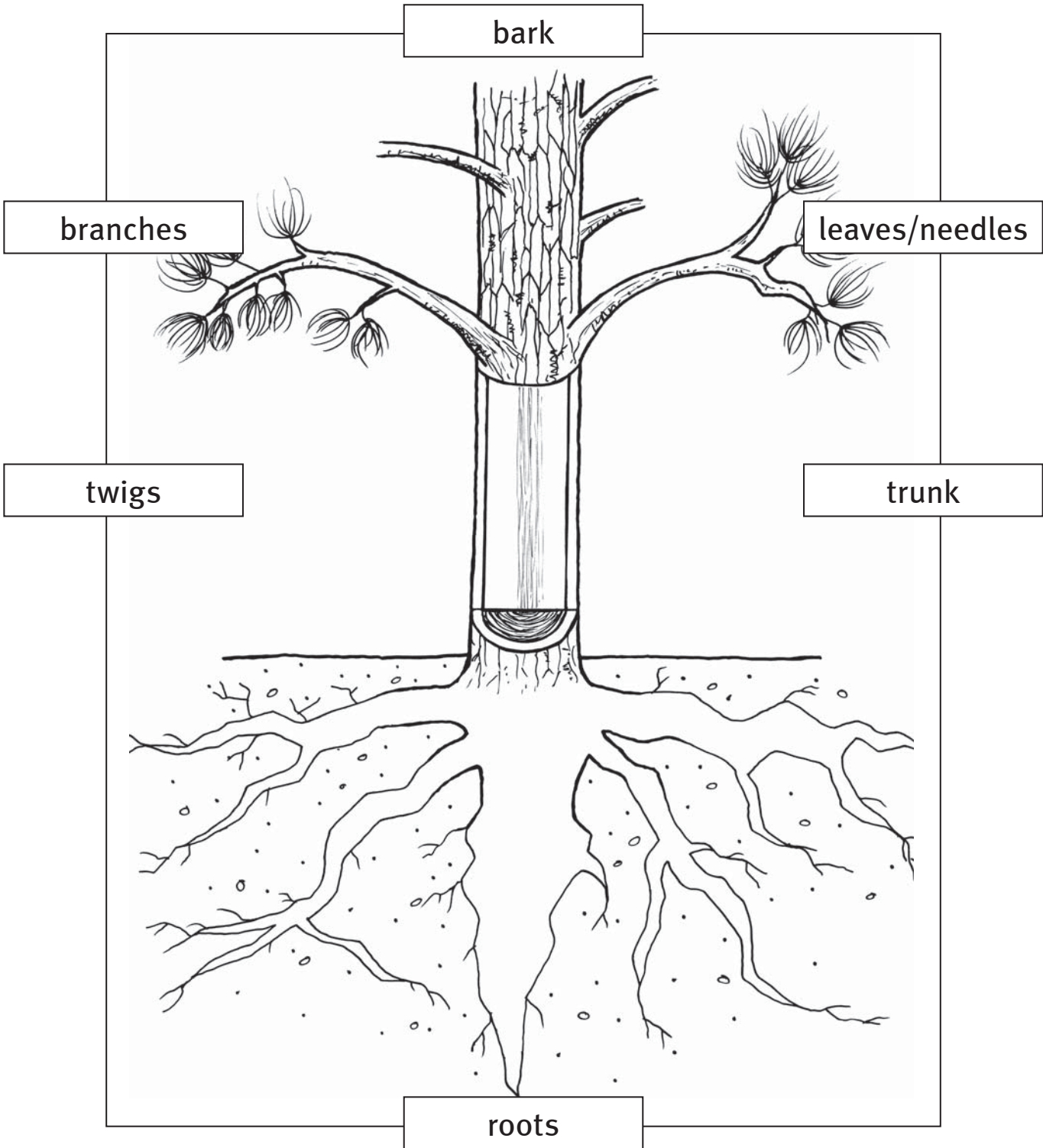


# What is a Tree?

In the forestry feely box I found a \_\_\_\_\_.

My friend \_\_\_\_\_ found a \_\_\_\_\_.

**Draw a line from each word to the correct section of the tree.**



*Solution on page 76.*

# Lesson Plan

## What are the Features of a Forest?

---

### Task

- 🌳 While on an excursion to a local forest, students will identify features of the forest and circle items on the sheet.

### Key Learning Area

- 🌳 Studies of Society and the Environment.

### Resources Needed

- 🌳 A forest to visit.

### Learning Outcomes

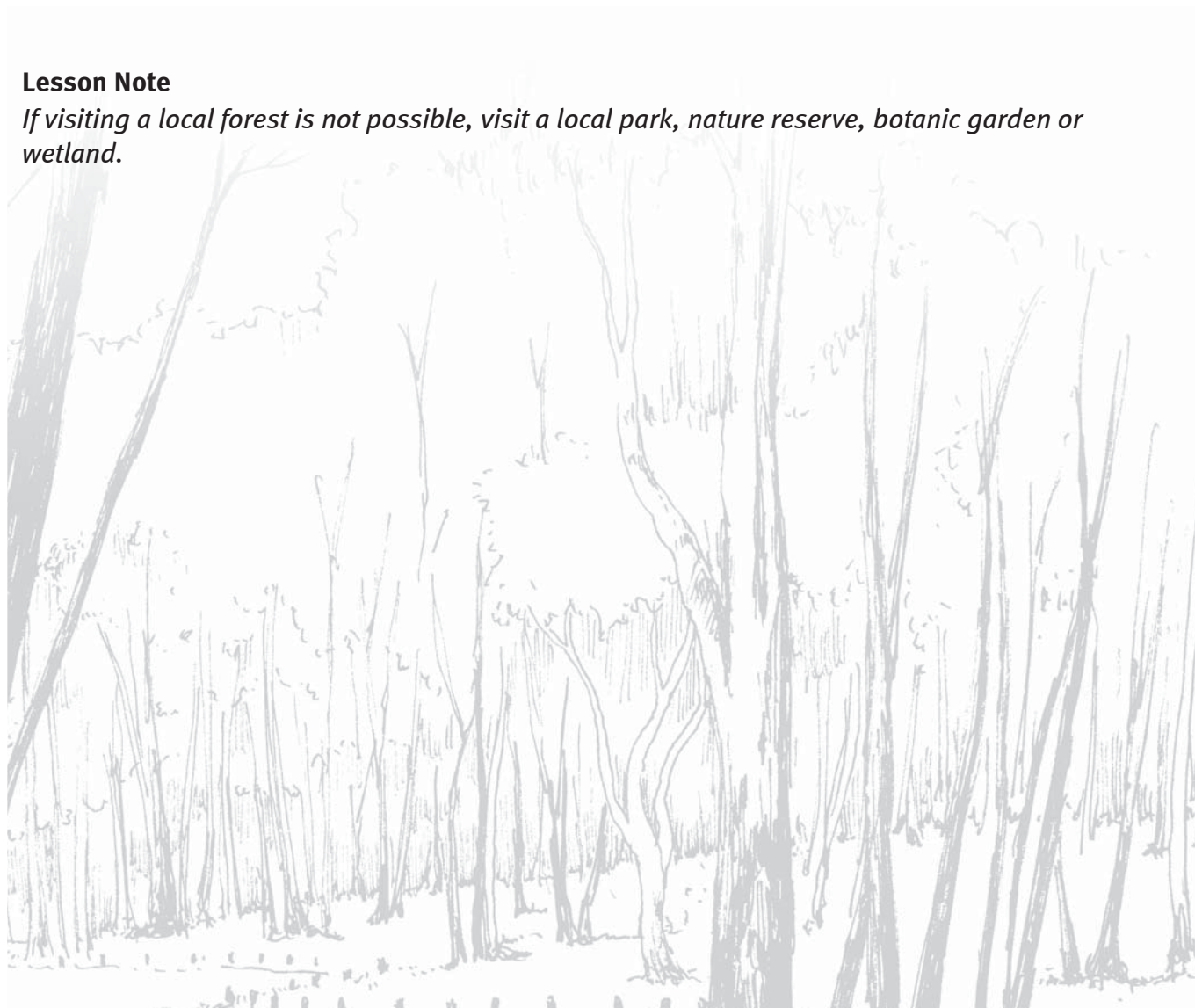
- 🌳 Students will be able to identify and name many different features of a forest.

### Lesson Layout

- 🌳 Discuss the task and the contents of the sheet with the whole group.
- 🌳 Students will work individually or in pairs to identify different features of a forest.
- 🌳 Students can share their findings and compare and discuss them with the rest of the class.

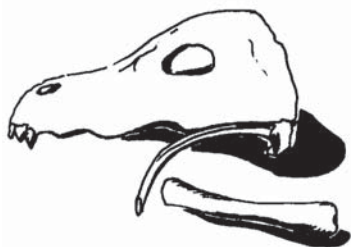
### Lesson Note

*If visiting a local forest is not possible, visit a local park, nature reserve, botanic garden or wetland.*

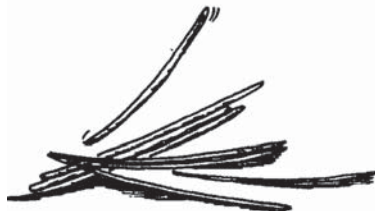


# What are the Features of a Forest?

Circle the picture below once you find it.



Bones



Pine Needles



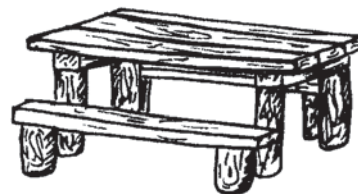
Fence



Food Scraps



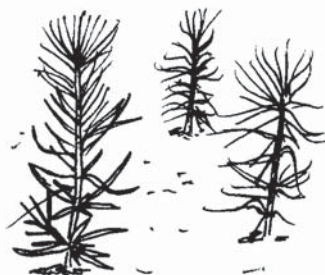
Hollow Log



Picnic Bench



Pine Cone



Seedlings



Signs



Moss & Fungi



Twigs and Branches



Walkways

# Lesson Plan

## Let's Read About Forests

---

### Task

- 🌳 Read picture books together to learn more about the topic of Forests and Forestry.
- 🌳 Students are to participate in their own learning through reading both non-fiction and fiction books on the topic.

### Key Learning Areas

- 🌳 Studies of Society and the Environment.
- 🌳 English and Language.

### Resources needed

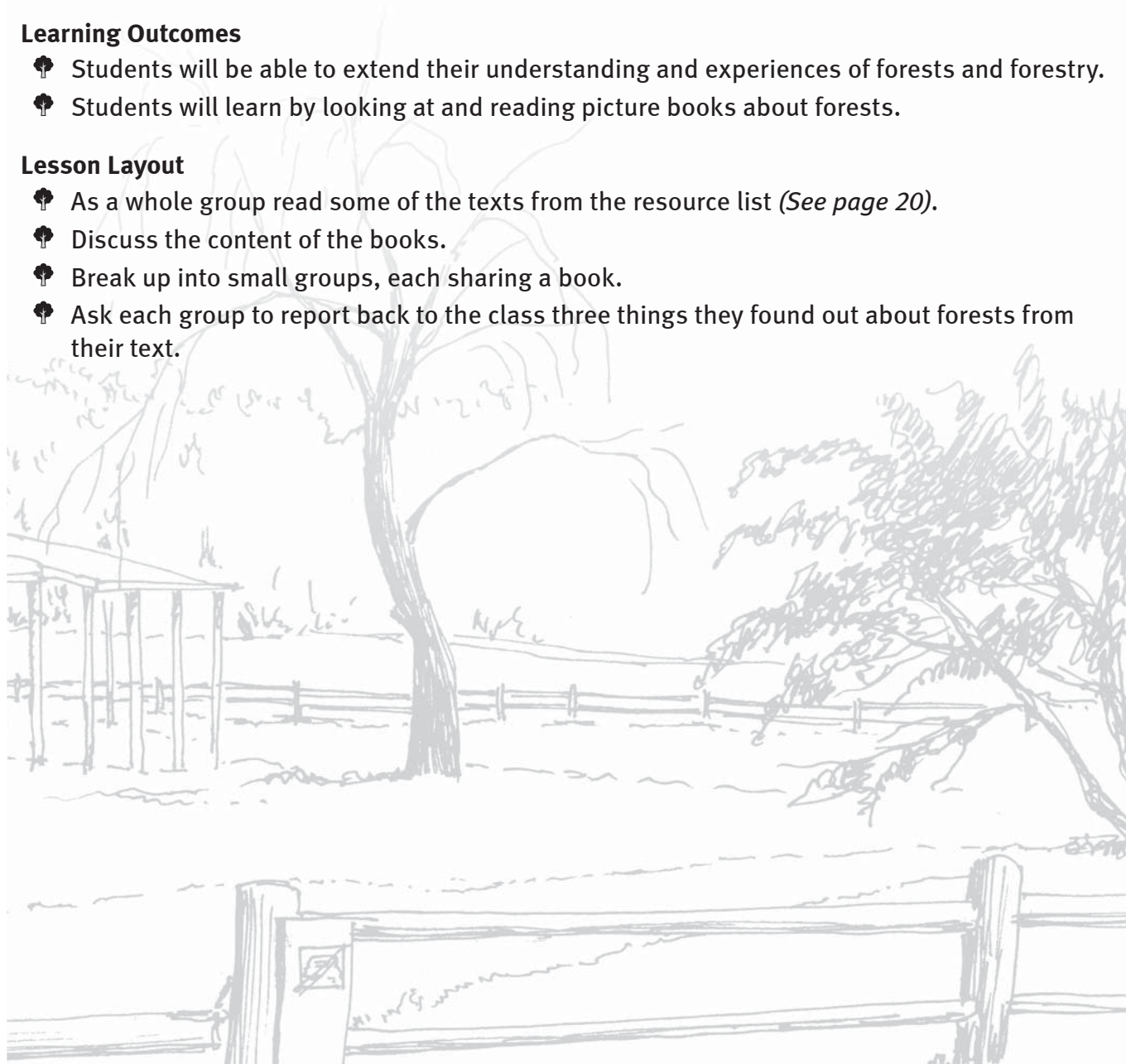
- 🌳 Non-fiction and fiction texts.
- 🌳 Wide variety of fiction and non-fiction texts to share as a whole class.
- 🌳 Book list (*See page 20*).

### Learning Outcomes

- 🌳 Students will be able to extend their understanding and experiences of forests and forestry.
- 🌳 Students will learn by looking at and reading picture books about forests.

### Lesson Layout

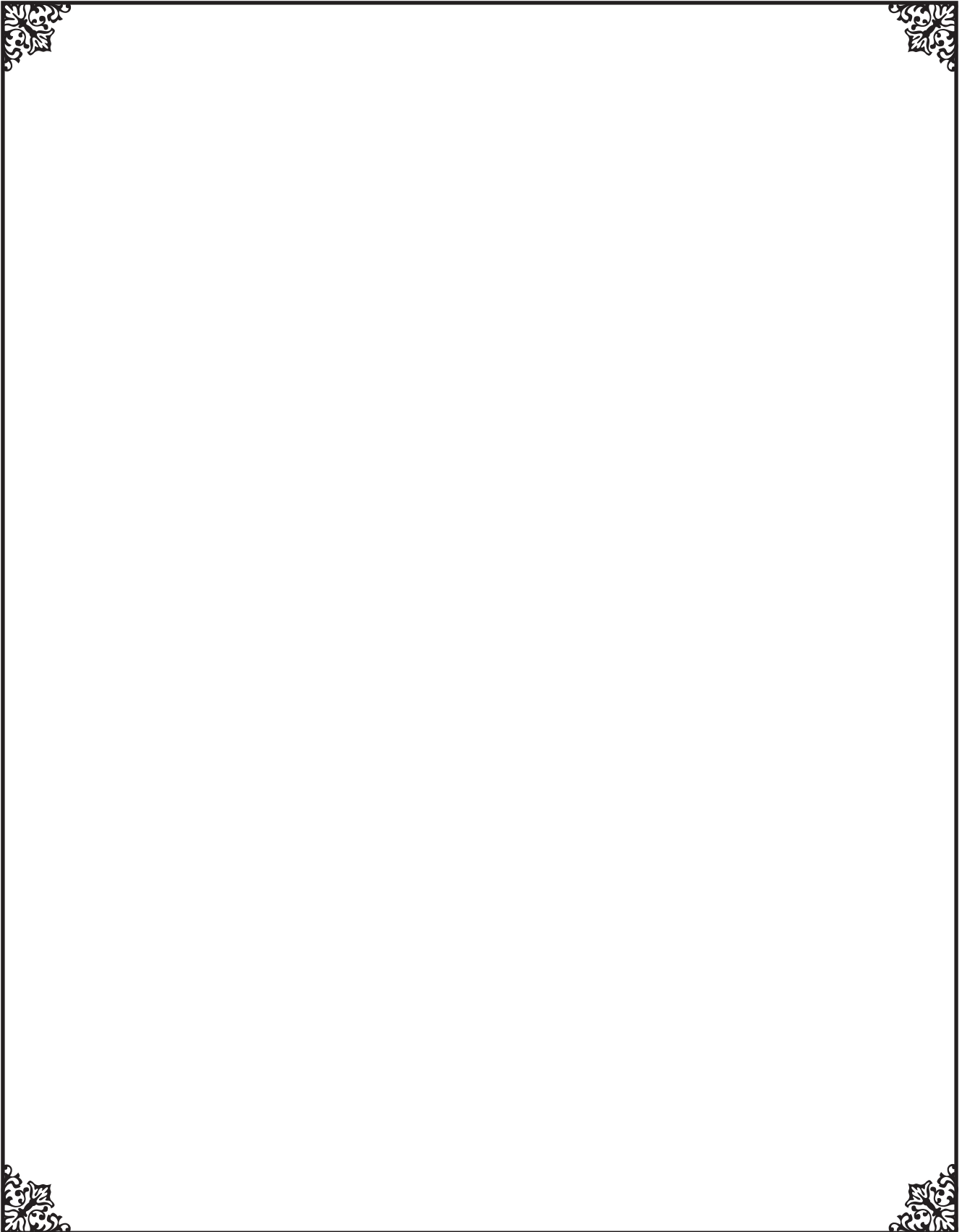
- 🌳 As a whole group read some of the texts from the resource list (*See page 20*).
- 🌳 Discuss the content of the books.
- 🌳 Break up into small groups, each sharing a book.
- 🌳 Ask each group to report back to the class three things they found out about forests from their text.



# Let's Read About Forests

---

**Draw a picture from your favourite book about forests.**



# Lesson Plan

## Create a Model of a Mini Forest

---

### Task

- 🌲 Create a model of a mini forest.

### Key Learning Areas

- 🌲 Studies of Society and the Environment.
- 🌲 The Arts.

### Resources needed

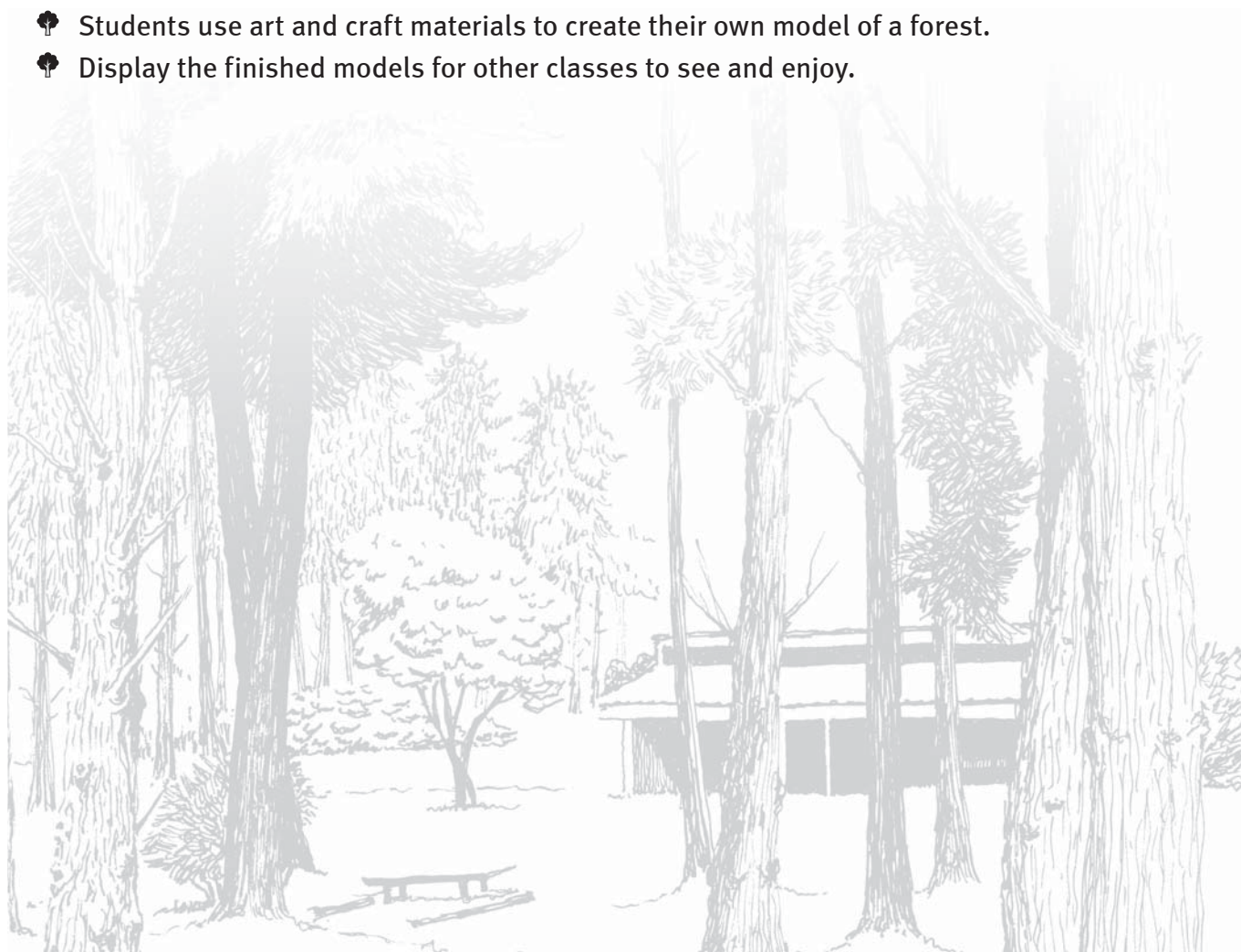
- 🌲 Photo File and picture books of forests for students to use as a guide in creating their model.
- 🌲 Art and craft materials.

### Learning Outcomes

- 🌲 Students will use their fine motor skills, creativity and imagination to create a model of a mini forest.

### Lesson Layout

- 🌲 Show students pictures and posters of forests.
- 🌲 Have a class discussion about forests.
- 🌲 What are the main features of forests?
- 🌲 Students use art and craft materials to create their own model of a forest.
- 🌲 Display the finished models for other classes to see and enjoy.



## My Mini Forest Model

---

My mini forest is called \_\_\_\_\_ .

I made my mini forest model out of \_\_\_\_\_ .

It was easy to \_\_\_\_\_ .

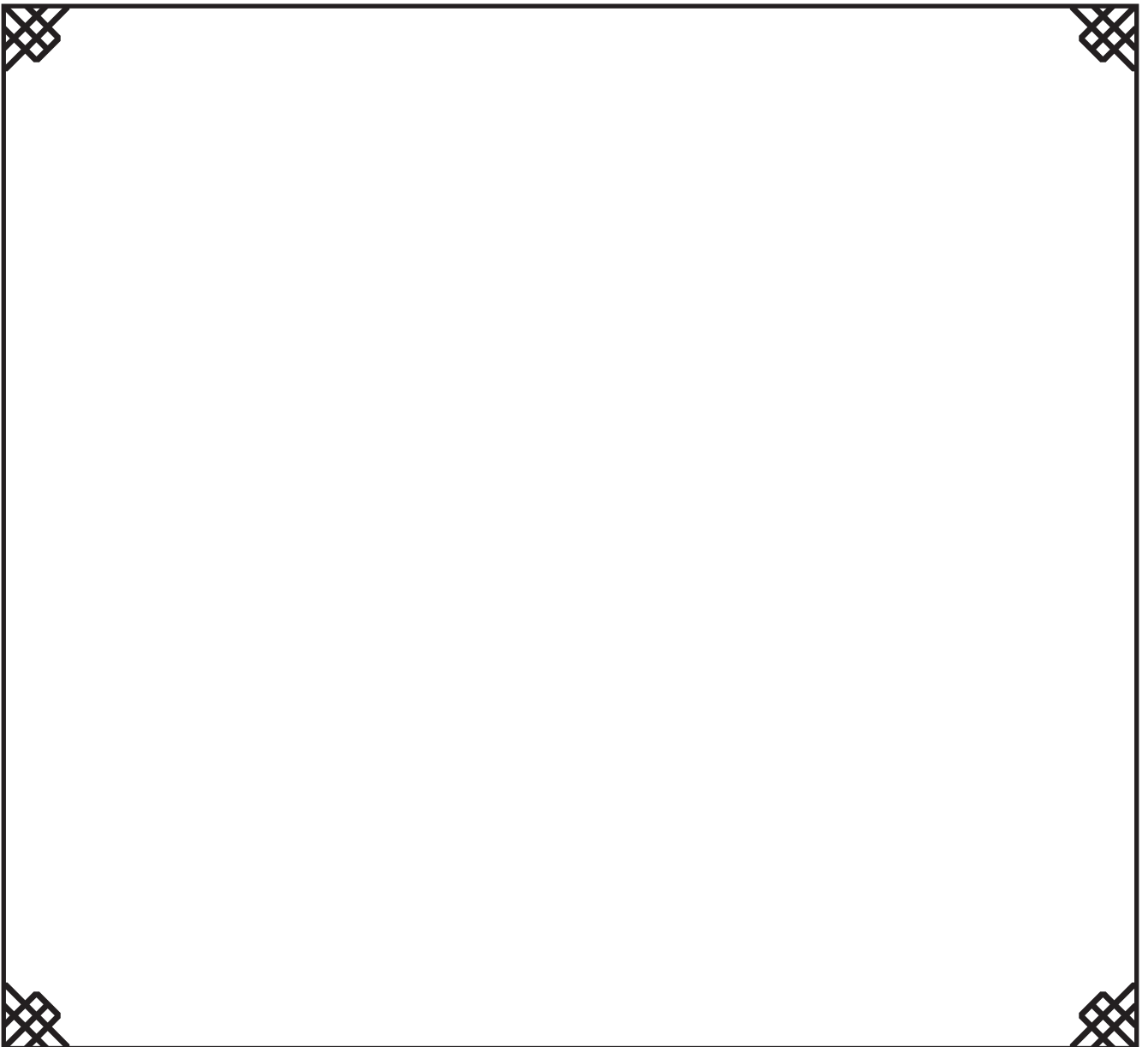
It was hard to \_\_\_\_\_ .

I think that my friend \_\_\_\_\_

made a great mini forest model because \_\_\_\_\_

\_\_\_\_\_ .

**This is a picture of my mini forest model.**



## What do we Know and Feel About Forests?

---

### Task

- 🌳 An adapted version of *Edward De Bonos's Six Thinking Hats* model.

### Key Learning Areas

- 🌳 Studies of Society and the Environment.
- 🌳 English and Language.
- 🌳 Health and Physical Education.

### Resources needed

- 🌳 Six coloured cut-outs of the thinking hats.
- 🌳 **Red:** Feelings “What are my feelings about forests?”
- 🌳 **Blue:** Thinking “How can forests help to prevent problems from developing?”
- 🌳 **Yellow:** Strengths “What are all the good things about forests?”
- 🌳 **Green:** New ideas “What can we do to help forests?”
- 🌳 **Orange:** Weaknesses “What problems are naturally-grown forests facing?”
- 🌳 **White:** Information “What are some of the interesting facts we learnt about forests?”

### Learning Outcomes

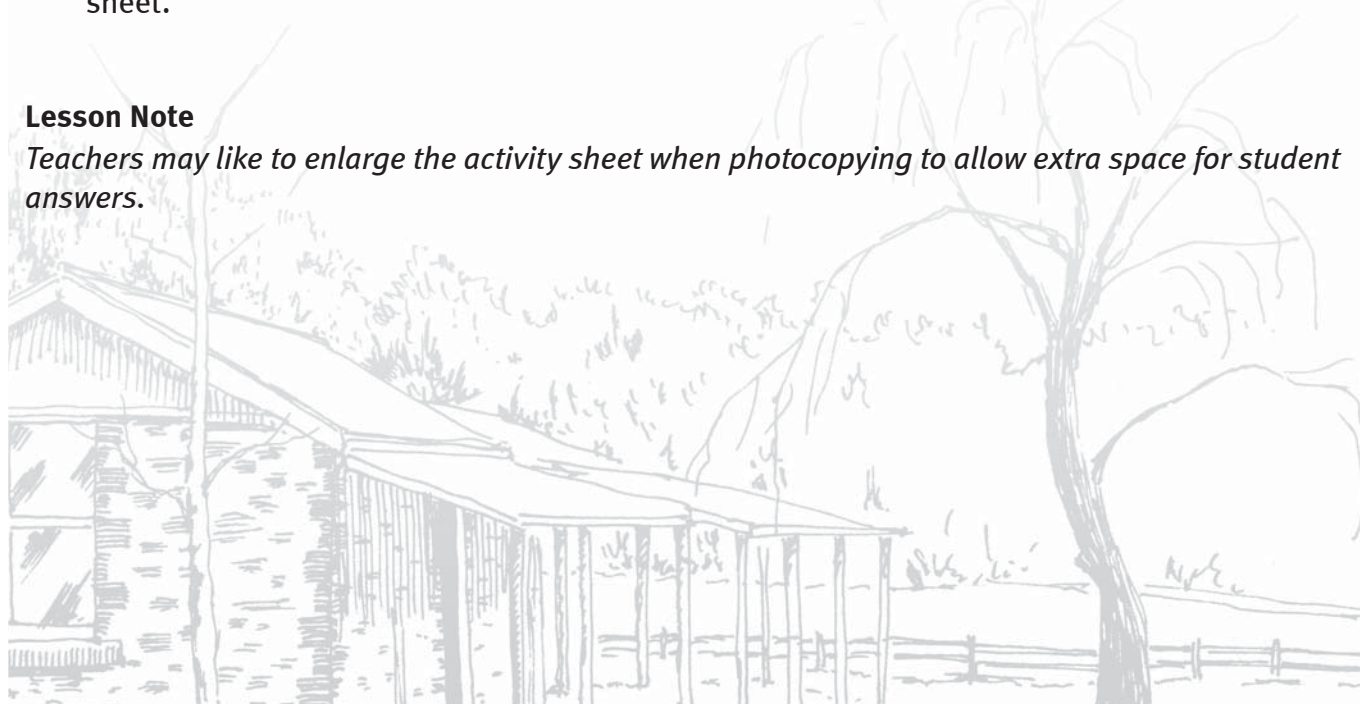
- 🌳 Students will explore and discuss their thoughts and feelings about forests.
- 🌳 Students will listen to other people’s ideas and concerns.
- 🌳 Students will contribute to making good decisions for the future.

### Lesson Layout

- 🌳 Place coloured pictures of the hats on the floor in the centre of a class circle.
- 🌳 Encourage discussion and sharing of thoughts and ideas.
- 🌳 Students to record their thoughts, feelings and ideas on the accompanying student activity sheet.

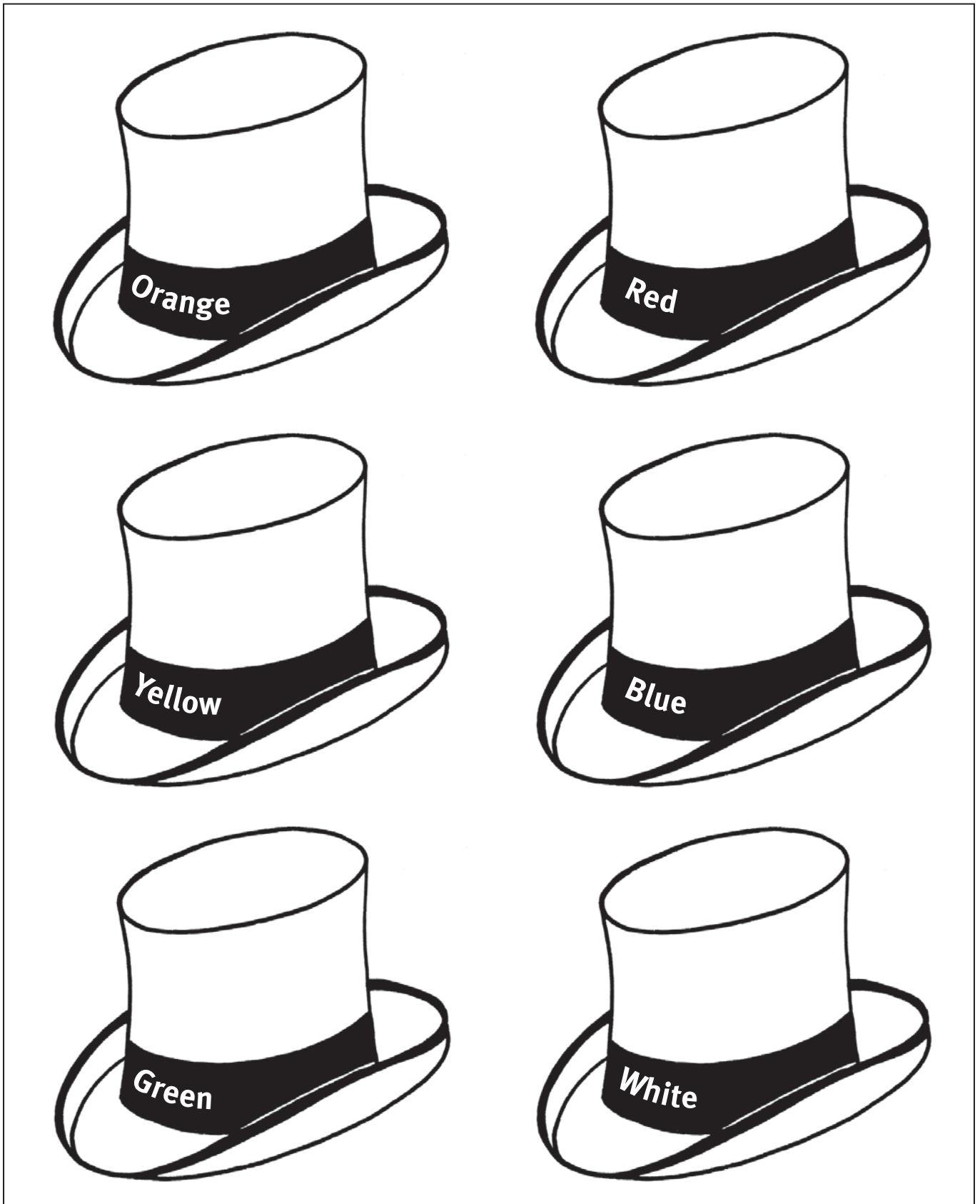
### Lesson Note

*Teachers may like to enlarge the activity sheet when photocopying to allow extra space for student answers.*



# What do we Know and Feel About Forests?

Write your answers inside the hats.



Colour in the hats.

## Task

- 🌳 Students will work independently on the activity sheet, drawing upon recently-learned knowledge and understanding of the topic.

## Key Learning Areas

- 🌳 Studies of Society and the Environment.
- 🌳 Science.
- 🌳 English and Language.

## Resources Needed

- 🌳 Copies of the Reflection report sheet.

## Learning Outcomes

- 🌳 Students will record and reflect upon their own learning.
- 🌳 Students will demonstrate an understanding and appreciation of the topic of Forests and Forestry.

## Lesson Layout

- 🌳 Students will work independently to fill in as much of their sheet as possible as a form of assessment and a reflection of acquired learning.



My name is: \_\_\_\_\_

Forests are \_\_\_\_\_

**Circle the items that you can usually find in a forest.**



**guitar**



**flowers**



**branches**



**walkways**



**trees**



**light bulb**



**animals**



**television**



**birds**



**couch**



**computer**



**creeks**

**Draw a picture of a forest.**

**Where the Forest Meets the Sea** by *Jeannie Baker* - Collages by an award-winning artist illustrate how a rainforest might once have been.

**Window** by *Jeannie Baker* - A picture book with no text explores the changing environment outside a window in a boy's bedroom as he grows up.

**Lord of the Forest** by *Caroline Pitcher* - Follows the adventures of a young tiger on a search for the Lord of the Forest, meeting various forest inhabitants along the way.

**Maze Craze – Magical Forest Mazes** by *Don-Oliver Matthies* - Includes 20 pages of mazes through forest scenes and habitats. Good for early finishers.

**Kangaroo Island: A Story of an Australian Mallee Forest** by *Deirdre Langeland* - This book has a pictorial glossary that will prove most helpful in the classroom. It also has a fold-out poster of the mallee habitat and a read-along cassette with professional narration and forest sound effects.

**The Tree in the Ancient Forest** by *Carol Reed* - Highly recommended by teachers. Follows the story of a tree and all the animals, birds and plants that rely on it.

**One Small Square: Tropical Rainforest** by *Donald M. Silver* - Introduces young students to rainforest features and creatures.

**Stella – Fairy of the Forest** by *Marie-Louise Gay* - Stella spends the day in the forest and her curious brothers ask countless questions. The answers they hear introduce a range of facts for the young reader.

**If I Ran the Rainforest** by *Bonnie Worth* - 'The Cat in the Hat' takes two children for an 'umbrella-vator' ride through a tropical rain forest, meeting plants, animals and native peoples as they go.

**Mythic Woods: The World's Most Remarkable Forests** by *Jonathan Roberts* - Amazing full-colour photographs of fifteen forests from around the world - from the famous Sherwood Forest to the tallest trees in Tasmania. Helps students of all ages to develop an appreciation of the diversity and value of forests around the world.

**The Lorax** by *Dr Seuss* - Introduces the importance of caring for the environment, and in particular forests and trees, in a humorous way. (Also available on DVD)

**City Green** by *DyAnne DiSalvo-Ryan* - A young girl transforms a vacant lot into a beautiful community garden.

**Deep in a Rainforest** by *Gwen Pascoe* - Imaginatively explores colours through a highly interactive journey into the rainforest. Animals, insects, plants, flowers, mushrooms, fruit and foliage are woven into and hidden within exquisite illustrations.

**Australian Rainforest Animals and Australian Bird Life** by *Pat Slater and Steve Parish* - Features outstanding full-colour photographs by well-known photographer Steve Parish and provides a great visual addition to your resource collection on these topics.

**Pine Trees** by *Allan Fowler* - A useful reference book for this age group.

**How Pine Trees Grow** by *Joanne Mattern* - Simple diagrams and descriptions allow the reader to appreciate the transformation of seed to tree.

**I Wonder Why Pine Trees Have Needles and Other Questions About Forests** by *Jackie Caff* - A recently-published book that makes learning about science fun. The quirky question and answer format is highly appealing to students and the facts are relevant and accurate.

## Extension Activity Ideas

---

These extension activities are designed so that little or no resources and preparation are required. In most cases students can carry out the extension activities independently once they have completed the core forestry activities.

- 🌲 Keep a record of all the new and interesting words you come across while learning about Forests and Forestry. Once you have a list of words, put them into alphabetical order and draw a picture for each word to communicate its meaning.
- 🌲 Write a story about an animal that lives in a tree.
- 🌲 After reading **City Green**, write a story in which you are the main character, doing something for the environment in your local community.
- 🌲 List as many stories and fairytales as you can that have forests in them. See if you can borrow a book from your school library to share with the class.
- 🌲 Look at one of the photos on forestry and write a newspaper caption for the photo.
- 🌲 Write down as many keywords about forests as you can think of. You will need at least eight.

Then choose one of the tasks below:

- Put the words into alphabetical order.
- Find dictionary meanings for each word.
- For each word, write a question with it as the answer.
- Make Rainbow Bubble words: Colour 'B's blue or black, colour 'P's pink or purple, colour 'G's green etc.
- Complete a Forestry Fun page.



