



BACKYARD RANGER PACK

CURRICULUM AREAS COVERED:

Mathematics • Geography • Science • English

Students learn to:

- Draw, label and record scientific drawings.
- Classify fauna and flora based on physical external features.
- Collect and record data to analyse results.
- Explore features and characteristics of habitats with a focus on bush lands and forests.
- Discover ways to protect our local environments.



DRAW YOUR FAVOURITE NATIVE AUSTRALIAN PLANT, TREE OR ANIMAL BELOW

MEDI





ANIMAL SPOT LIST



Although you may not be aware of it, your backyard could be feeding and housing a surprising range of native Australian animals. There are clues everywhere — droppings on the lawn in the early morning; a flash of colour in the tree canopy; furtive scuffling in the bushes by the rubbish bin at night.

See what you can spot in your backyard, from your balcony or in your local park and complete the spotters list below.

ANIMAL	TICK IF SPOTTED	DESCRIPTION
OWL		
FROG		
POSSUM		
ROSELLA		
СОСКАТОО		
BAT		
BUTTERFLY		
SPIDER		
ANT		



TREE OF LIFE

In your garden or local park, pick a tree and look for visible signs of life. Look around & observe the following, and list other items of interest which you have found.



EVIDENCE	TICK IF SPOTTED	DESCRIPTION
TUNNELS		
WEBS		
EGGS		
NESTS		
ANIMAL CASES		



WHAT LIVES IN THE TREES?

Listen to the sounds in your garden or local park and put a tick in the box each time you hear a call type.



CALL TYPE	1	2	3
WHISTLE			
CHATTER			
SQUEAK/CHIRP			
SWEET SONG			
LOUD			
SOFT			
SCREECH			
LAUGH			





ANIMAL CENSUS DATA COLLECTION SHEET



Take a "census" of your garden or local park and find out which jobs and roles each animal or plant does.

Write each animal and plant in the left hand column, then choose the appropriate jobs and addresses from the selection on the right of the grid.

PLANT/ANIMAL NAME OR DESCRIPTION	JOB / ROLE	ADDRESS

JOB / ROLE

GARBAGE MEN

Animals which help the community by removing or breaking down dead materials.

AERATORS

Animals which help keep the soil loose so that water can flow more easily and plants can grow.

FOOD PRODUCERS

Living things in the community which can take in the suns energy and turn it into energy forms which other residents can eat.

TRANSPORTERS

Animals which move things (such as seeds) from one part of the community to the other part. Seeds often ride on these transporters.

AIR CONDITIONERS

Things which make the air breathable for others in the community.

POPULATION CONTROLLERS

Animals which help control the numbers of residents in the community so that it doesn't get too crowded.

FERTILIZERS

Community dwellers that help make the soil a better place to grow by adding wastes or re-working materials.

ADDRESS

Basement: Lives underground. Street Level: Lives on top of the ground. High Rise: Lives high above the ground in the trees.





Lie on the ground & observe the clouds- see how shapes change, can you identify any shapes? Draw the shapes you see below.



CLOUD 1

CLOUD 2







HOW CAN I LOOK AFTER THE ENVIRONMENT?

One of the most important things I can do is to think carefully about the consequences of everything I do and everything I use.

I CAN DO THIS BY FOLLOWING THE 3 Rs

REDUCE Ways to reduce waste are	
REUSE Things I can reuse are	
RECYCLE	

Things I can recycle are



I CAN ALSO BE CAREFUL WITH WATER.

- Turning the tap off while brushing my teeth
- Take shorter showers and fix dripping taps
- Keeping a jug of cold water in the fridge for drinking
- Washing the car on the lawn
- Watering the garden early in the morning or late in the evening

WHEN I VISIT A NATIONAL PARK OR NATURAL AREA I CAN HELP PROTECT THE ENVIRONMENT BY

- Staying on the paths
- Taking my rubbish home
- Leaving pets at home
- Picking rubbish I find
- Not picking plants
- Obeying signs
- Not being too noisy
- Explaining to other people how they can care for the bush

A QUESTION TO THINK ABOUT

Why are reducing and reusing better than recycling?

