



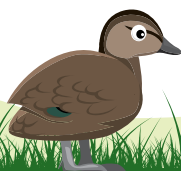
Bundaberg Botanic Gardens



Kids



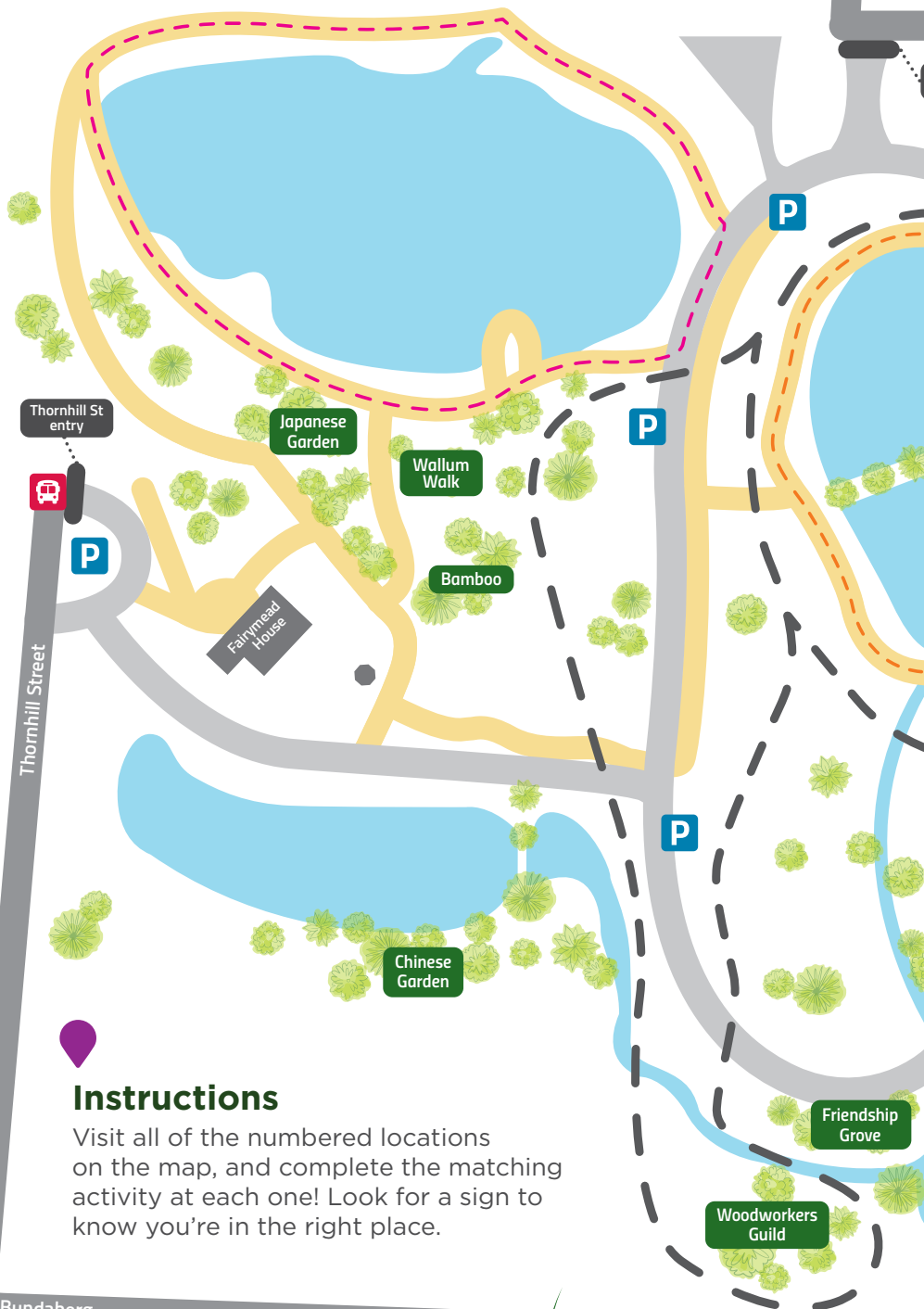
**ACTIVITY
TRAIL**



1300 883 699
bundaberg.qld.gov.au



N ➤



Instructions

Visit all of the numbered locations on the map, and complete the matching activity at each one! Look for a sign to know you're in the right place.



Young Street

Gin Gin

Mount Perry Road

Mount Perry Road

Bundaberg

Young St
entry

Bundaberg
and District
Historical
Museum

Bromeliad
Garden

Prehistoric
Garden

Cafe 1928

Railway
platform

Hinkler
House

Hinkler Hall of
Aviation

Hinkler
Garden

Palm
Grove

Fern
Garden

Rare Fruit
Orchard

Wildlife
Island

Wildlife
viewing
platform

Sclerophyll
Woodland
(open forest)

Australian
Rainforest

Bio
Filter

830m

900m

Entry gate

Main road

Gardens road

Footpath

Railway line

Toilets

Parking

Bus stop

On-street caravan parking

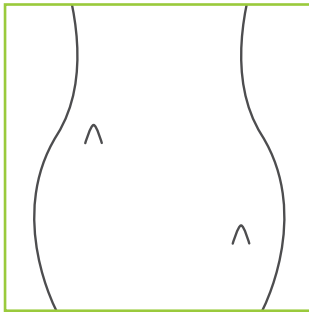
Barbecue



Meet the Silk Floss tree!



The thick prickles covering its trunk are sharp, be careful!



1. Add more bumpy prickles to help the tree from hungry monkeys!

You won't find me in the gardens! I'm from Brazil, the home of the silk floss tree, and I love snacking on its thin bark!



2. Look at the tree and answer these questions...
Circle your answer.

Is the bark grey or brown ?

Are the leaves green or red ?

Is the tree short or tall ?

Are the prickles ^ or □ shaped?



3. Silk floss seeds contain silky white hairs used to stuff something you lay your head on at night. Can you complete the word?

P _ _ L _ W

Eyes open! Ears open!



Look around you and pay attention to what is happening in the gardens!

- 1. Draw in the clock hands to show the time of day you visited the gardens.**

Remember, the little hand points to the hour, and the big hand points to the minutes.



- 2. Look around you and tick what you can hear and see**

Rocks

- ☐ Wet
- ☐ Dry
- ☐ Bird poo
- ☐ Birds

Insects

- ☐ Flying
- ☐ Crawling
- ☐ Feeding
- ☐ Standing still

Anything else?

Birds

- ☐ Flying
- ☐ Calling
- ☐ Feeding
- ☐ Swimming
- ☐ Walking
- ☐ Diving
- ☐ Resting

People

- ☐ Walking
- ☐ Jogging
- ☐ Talking
- ☐ With dogs

Boardwalk

- ☐ Wet
- ☐ Dry
- ☐ Bird poo
- ☐ Fallen leaves
- ☐ Fallen flowers
- ☐ Birds
- ☐ Lizards

Plants

- ☐ Green
- ☐ Brown
- ☐ Flowers





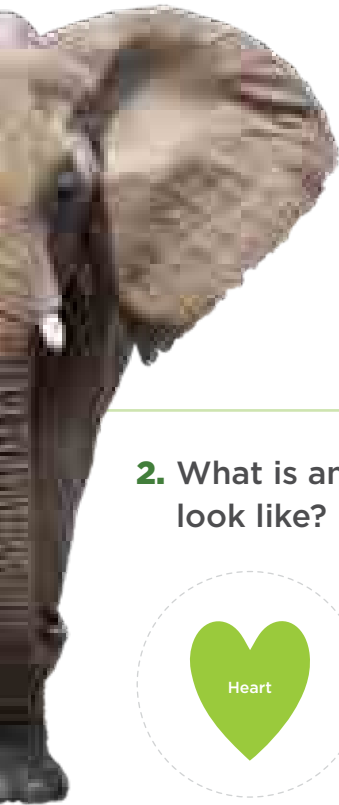
Elephants ahead!



How cool are these funny shaped leaves?

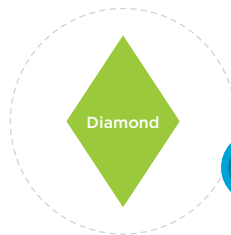
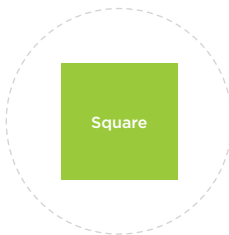
These Cunjevoi Lily [*cun - gee - voy lil - lee*] leaves are so big some people think they look like elephant ears!

1. Complete the drawing of the elephant ear plant.



The leaves can grow up to 100cm or 1 metre.

2. What is another shape you think the Cunjevoi leaves look like? Circle your answer.



Autograph tree



Look closely at the leaves...
What can you see?

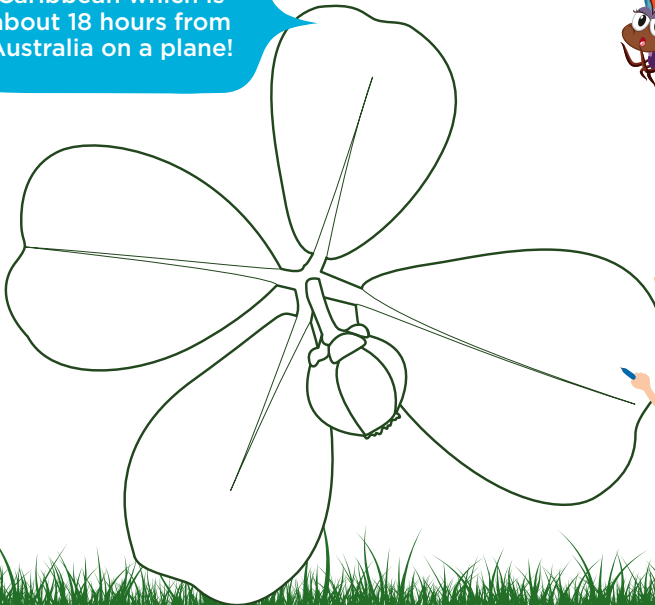
This is a very unusual tree...feel how thick the leaves are!

People are able to write on the leaves without harming them as the leaves are very thick and tough, this has given the tree its name of Autograph Tree!

An autograph can be either your own handwriting or your signature.

1. Do you have a signature? Practice it or design a new one on the leaf drawing below.

We are from the Caribbean which is about 18 hours from Australia on a plane!





Identify this plant



Look down to the ground to see this funny looking plant!

All of the plants, animals and fungi in the world have 2 names...a common name and a scientific name!

A **common name** is like a nickname you would have for yourself...

And the **scientific name** would be your proper legal name...



This plant's scientific name is ***Lomandra longifolia*** [pronounced *low-man-dra long-ee-fole-ee-ah*]!

1. Discover its common name by looking at each letter in the alphabet below under the line... and then writing the letter that comes before it on top of the line.

As an example... the first letter under the line is "C", the letter that comes before "C" in the alphabet is "B", so we have written "B" on the top line...

We've started you off with the first two letters...

B	A	_____	_____	_____	_____	_____	_____	_____	_____	
C	B	T	L	F	U	H	S	B	T	T



Roots



Look at this tree, you can see its roots!

Most plant roots are underground, so it's not very often that you get to see them.

This **pandanus tree** has thick roots above the ground to help hold it up!

1. Can you complete the questions below?

When I looked
at the roots I saw

The roots are
in the shape of a

When I touched
the roots they felt

I counted

roots

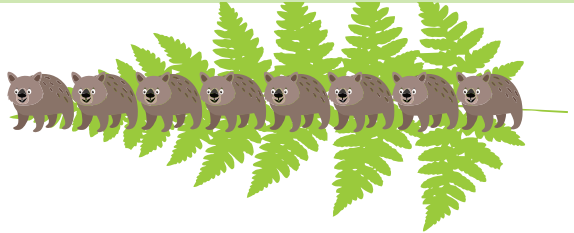


King of the ferns



Say hello to the biggest fern in the world!

The King Fern's fronds (leaves) can grow up to 8 metres long. That is the same as 8 wombats long!



1. Measure your arm along the frond, how many of your arm lengths make up 1 frond? ____ arm lengths

2. Use the ruler on this page to measure how long one frond is in centimetres. ____ cm

3. The King fern is found in the Northern Territory, Queensland and in a small area of New South Wales. Can you fill in the map to show these three locations?



4. Look underneath the frond to search for spores. Ferns don't have flowers or fruit so they use spores to grow new ferns. Look for round dots and draw them here on the fern.



Make a sound map



Listen

Open your ears and hear the sounds around you in the gardens.

1. Sit or stand, and when you hear a sound make a mark on your map that describes the sound.

You could draw  for the wind or  for a bird singing.



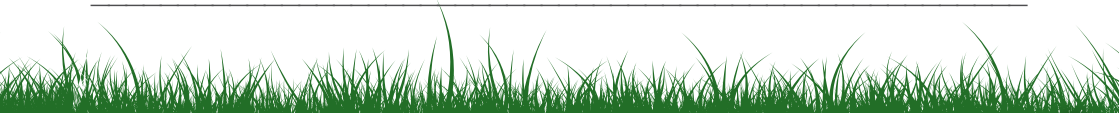
Tips

- Keep your eyes closed while listening
- Cup your hands behind your ears to help 'catch' the sounds
- To hear sounds behind you don't turn your head, cup your hands in front of your ears!

2. How many different sounds did you hear? _____

3. Which sounds did you like best?

4. Did you hear any sounds you had not heard before?





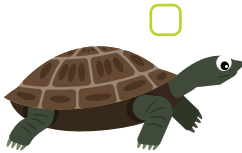
Spot these animals!



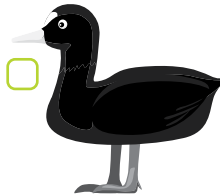
Look in, around and over the board-walk and lake to find these animals...

1. Match the animal to its name by drawing a line from the animal to its name and tick the animals you see on your visit today.

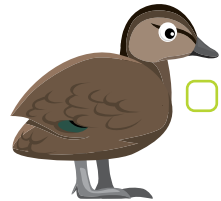
Eurasian Coot
(black with a white beak)



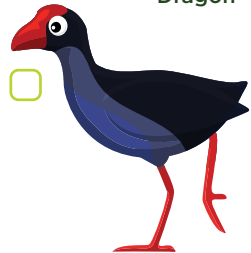
Purple Swamp Hen
(black, blue & purple with a red bill)



Eel



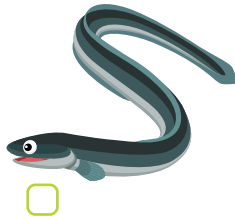
Eastern Water Dragon



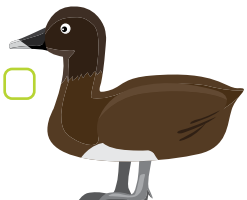
Hardhead
(brown)



Pacific Black Duck
(black stripe over eye area)



Dusky Moorhen
(grey/black with a red bill with a yellow tip)



Freshwater turtle



The Dr Seuss tree...



Look at this tree, it looks like something out of a Dr Seuss book!

Do you have a nickname? How many nicknames do you have? This plant, the **Davidson's Plum** has 3!

Its nicknames are '*Davo*' (very Aussie!), '*Queen of the rainforest plum*' (that's a long one!) and '*Ooray*' (an indigenous name).

The plum is named after Mr JE Davidson who used to grow sugar cane in Queensland. The plums are not sweet like sugar cane, they are very sour!

Its been called the Dr Seuss tree because the purple plums grow from the trunk of the tree in clusters like grapes, like an imaginary tree out of a Dr Seuss storybook!

1. Let's measure Davo! How tall do you think Davo is? __m
Ask an adult to help you with this activity.

- Stand close to Davo with your back to the trunk of the tree.
- Bend over and look at the tree between your legs.
- Can you see the top of the tree? If not shuffle forward carefully until you can.
- The distance you stand away from the tree is about the same as Davo's height.

You can use this trick to measure any tree!





Queensland Fire Wheel...



In late Summer and Autumn, this tree blooms with firey flowers!

How did it get this name?

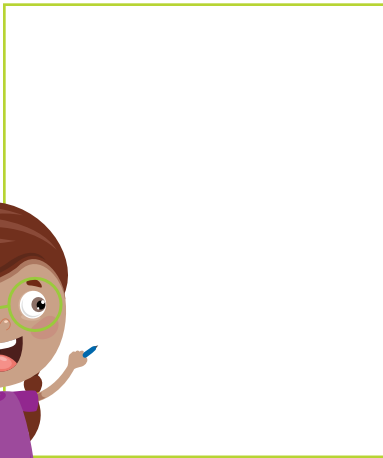
The flowers are bright red, yellow and orange like fire.

And the flowers are in the shape of a  like a wheel...

Hmm... if there are no flowers on the tree how can we be sure this is the fire wheel tree?

1. Check for 5 veins on the back of the leaf (veins look like lines) when you can count all 5 tick the box ☐

2. Sketch the leaf shape



2. Find these 6 words below

The words can be forwards, down, backwards and diagonal

E	E	R	T	S	B
R	E	D	X	T	W
K	A	F	S	H	O
T	L	H	E	E	L
P	O	E	U	E	L
C	L	V	A	I	E
F	I	R	E	F	Y

Fire

Wheel

Tree

Yellow

Red

Leaf



Dragons in the Gardens!



Can you see any dragons around?
Well not real ones!

But the **Eastern Water Dragon** certainly looks like a small dragon with its spines, scales and stripes! And they love living here at the Gardens, have you seen one today?

1. Read the sign about the Dragons and then circle if this information is true or false?

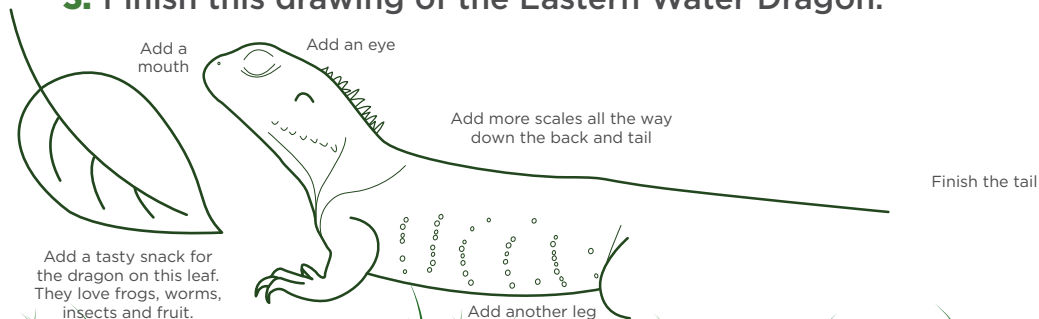


They can sleep in the water. True or false ?

They can stay underwater for 90 minutes. True or false ?

2. Add three more facts from the sign.

3. Finish this drawing of the Eastern Water Dragon.





Who's who?



Look around, there's so many creatures to see here at the gardens!

Many animals have made their home in the Botanic Gardens or come to visit.

Can you identify them by their tracks?

1. Draw a line from the animal name to the track.

a)



b)



c)



Eastern grey kangaroo
(5 clawed toes but only 2 claws touch the ground when moving)

Brushtail possum
(wide foot for climbing)

Sulphur crested cockatoo
(2 toes point forward and 2 toes point backwards)

2. Try making these animal tracks in the path.



Frog

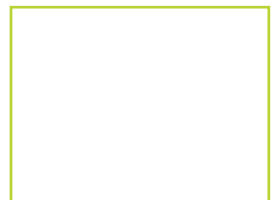


Black swan



Goanna

3. Can you find an animal track in the Garden? Draw it here.



This plant has teeth!

14



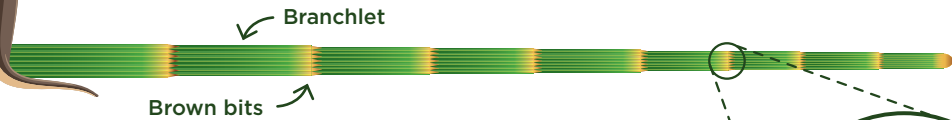
Don't worry its teeth are very small and you need a magnifying glass to see them!

Take a look at this plant called a **Casuarina** [pronounced *cas - oar - ree - nah*]. Can you find its leaves?

The long thin green pointy shapes covering the tree are branchlets, not leaves. So where are the leaves?

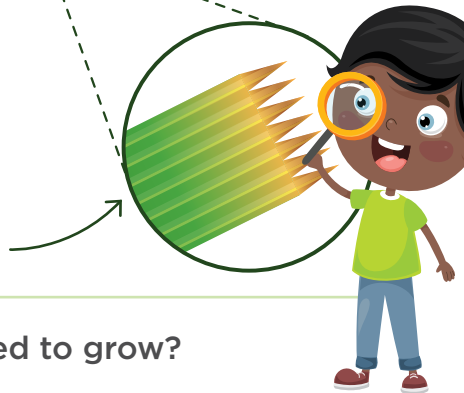
1. Gently take a branchlet and have a close look.

Can you see the brown bits along the branchlet like this?



The brown bits are nodes and this is where the leaves are! The leaves are jagged in shape which is why they are called teeth.

This is what they look like close up.



2. What are six things all plants need to grow?

Circle your answers.



Sun



TV



Water



Oxygen



A good book



Right temperature



Scooter



Soil & nutrients



Space to grow



Create a map!



Take a look around and figure out where you are in the gardens.

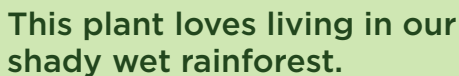
1. Create a map showing where you are. Include the grass, trees, lake, fences and paths. Add a key below.

- Use shading to show a big area (grass or lake) 
- Use symbols to show objects (ducks or trees) **X**
- Use lines and shapes to show human made items (fences or paths) 



Key





- B

2● 4▲ 3■ 4● 4■ 4★ 5● 4■ 5■ 1▲ 5● 3■ 4★

	1	2	3	4	5
●	A	B	C	D	E
▲	F	G	H	I	J
★	K	L	M	N	O
■	P	Q	R	S	T
◆	U	V	W	X	Y

If you don't use me how will anyone be able to spell **zebra** anymore?!



See if you can spot anymore of these plants in your walk today. Look up and down as they can live on the ground and up in the trees! Clue: look in the rainforest and fern areas...

- 2. Make up your own word using the grid and see if a friend can work it out!** Write the clues here:



17

I spy...



This is a great spot to play I Spy!

1. “I spy with my little eye something beginning with...”

For something a bit different try spying:

- A colour
- A shape
- What you use the item for



FOR EXAMPLE:

I spy something used to get
people across the water...

...a bridge!



Who was here?

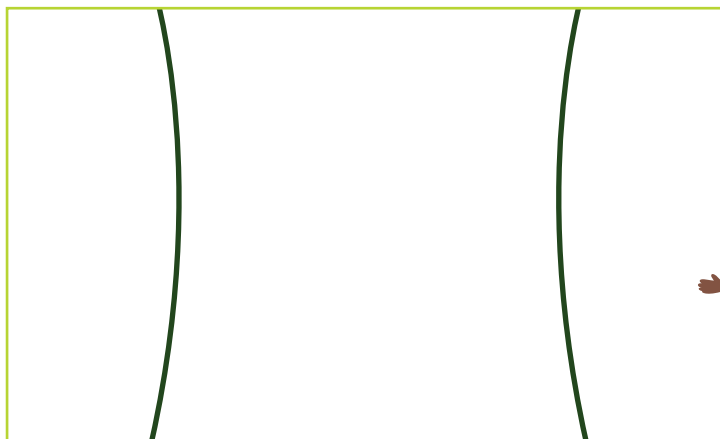


Let's have a close look at this beautiful tree.

Walk right around this beautiful tree.

Can you see the scratches all up and down the trunk?

1. Draw in some of the scratches here.



2. Circle the animals you think made these scratches?

Who has claws, lives in a tree or would climb a tree for food?



Butterfly



Brushtail Possum

Turtle



Ant



Caterpillar



Goanna



Take a seat...



Let's experience everything happening around you!

1. Take a seat and draw or write what you can.



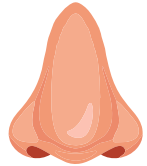
SEE



HEAR



FEEL



SMELL

2. Now ask the person you visited with to do the same.
Did they have the same as you or different?



Mr Turkey's nest!

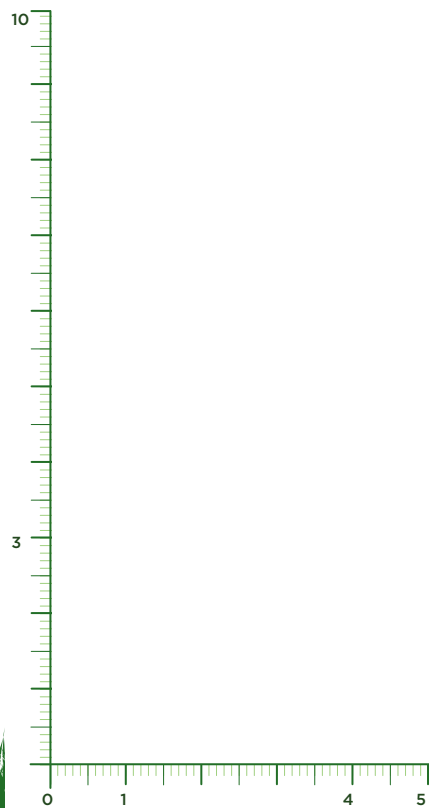


Let's have a close look at this beautiful tree.

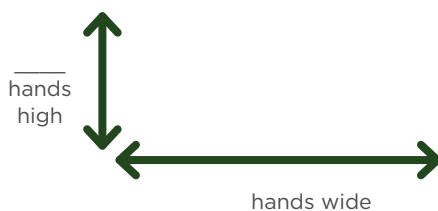
You are standing at a brush turkey nest!

The male brush turkey built it but then decided not to use it, maybe it was too close to the path. We don't know, can you think why he might have left it?

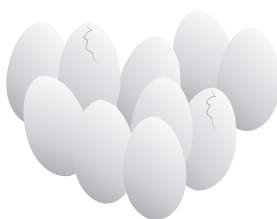
1. Brush turkey eggs are big at 9cm x 4.5cm. Finish writing the numbers on the graph and then draw a correctly sized egg.



2. Use your hands to measure how big the nest is.



3. A brush turkey nest can have up to 24 eggs in it. We have added 10 eggs, can you draw in the rest?





*I'm printed on
recycled paper!*

