













## Photographs in these education materials are subject to copyright and have been provided by Murdoch University Black Cockatoo Conservation **Management Project**













A year in the life of a Carnaby's Cockatoo

What do Carnaby Cockatoos need to survive?

➤ Make a list of what you think they need over a year...







## Habitat

• All animals need habitat to survive.

 Habitat is the natural home or environment of an animal, plant, or other organism.

- Habitat provides:
  - Food,
  - Water, and
  - Shelter.















### Some animals need different habitat at different times

#### **Turtles:**

- Live in the water most of the time, but
- Need dry land to lay eggs.

#### Carnabys Cockatoos need:

- Breeding (nesting) habitat
- Foraging (finding food) habitat
- Roosting habitat

















# Carnabys Cockatoo

Noongar name

Ngoolark

Scientific name

**Zanda latirostris** 



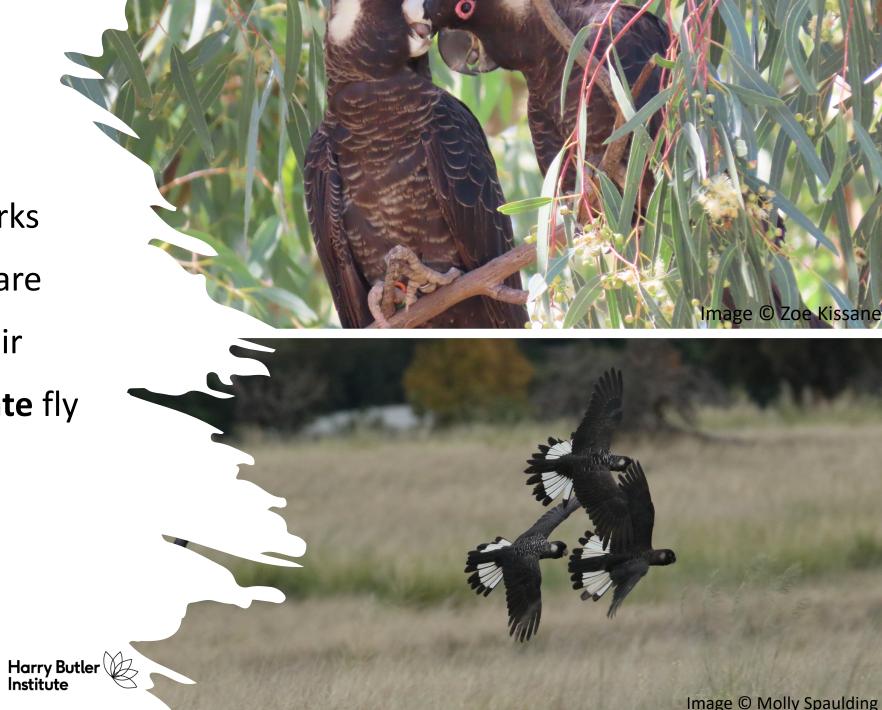






# Time to fly!

When baby Ngoolarks have 'fledged' and are ready for **flight**, their mother and her mate fly with them and lead them to the coastal feeding grounds.







Non-breeding Season (January to July)

Ngoolarks are seen **flying** through the **sky** to coastal areas at this time

There is more water to drink, and more nuts and seeds to eat in these areas so it is better for foraging.

At the end of this season the parents will lead young Ngoolarks back to the breeding habitat.









## Preening

Cockatoos are very social bird and can often be seen grooming (or preening) each other.

**Allopreening** is where one cockatoo will preen another.

This behavior is a form of social bonding.

Even though they have very large and powerful beaks they are incredibly gentle with them. You can really see the attachment between individuals,





# Fill in the gaps

Use your new knowledge to fill in the spaces on this worksheet with the right words?

Write the words onto the spaces below and use them as the list for the word search on the next page.



#### **Ngoolarks Forever: Carnabys Cockatoo Cloze**

Complete the	sentences to	make the	list of wor	ds hidden i	n the word	search
complete the	sentences to	make the	list of wor	us muuem i	ii tile wolu	Sear Cir.

All animals need to survive. Habitat provides, water and						
shelter. Some animals like the Carnabys Cockatoo need different habitat at						
different times. The Noongar name for Carnabys Cockatoo is Ngoolark.						
Ngoolarks live in eucalypt woodlands with hollows for breeding						
between July to December, but are seen through the to coastal						
areas between January and July because there is more to drink, and						
more and to eat.						
Baby Carnaby Cockatoos are usually born in a in the hollow of a tree,						
and that is their until they have 'fledged' and are ready for						
Their mother and her fly with them and them to the coastal						
feeding grounds, and back to the breeding habitat the next year.						
Unfortunately, because humans have cleared so much nesting and feeding						
habitat sometimes a Carnaby Cockatoo family can return to an area to find						
that their home is Loss of habitat is one of the reasons the Ngoolark is						
endangered.						

Missing words















S	M	G	A	F	V	L	Т
F	Α	0	Н	0	M	E	R
L	Т	N	Α	0	E	A	E
Y	E	E	В	D	N	D	E
ı	F	L	ı	G	Н	Т	G
N	E	S	Т	0	S	K	Y
G	0	W	Α	Т	E	R	L
Α	N	U	Т	S	R	К	S

## \_\_\_\_\_ \_\_\_\_\_

## Find the hidden words

- Use your word list to find and colour in the letters of the list words.
- When you have found all the words use the left over letters to discover the hidden message.

Once you have found and coloured in all the words, write down the *spare letters* and find the two hidden words

















# Test your class knowledge with this Carnaby's Cockatoo Quiz

https://create.kahoot.it/share/carnaby-s-cockatooquiz/6c6a1cba-347a-4757-8bc5-2e008d6034fc

























