### Thanks for exploring!

This booklet was made with love to help kids and their grown ups connect with eachother by learning about the world around them.

Don't forget to check the Nomii App website for more free stuff! If you enjoy these activities, post a pic on your socials and tag #NomiiFreeStuff to help spread the joy!

This resource is for individual use only
— please don't resell or redistribute it.

Some pages include QR code links. We can't guarantee all links will continue to work over time so if you find a broken link, please let us know — we'd love to fix it!

Scan to report broken links:



# MACHAICE DISCOVERY WITH KIDS

Designed by dydia for NÖMII

# ACTIVITY: CARTOGRAPHY

Draw a map of your outdoor area! Include key land-marks like trees, rocks and paths. **BONUS:** Draw your map facing North (ask an adult to help you).

Cut out the badges once you complete each activity!



### ACTIVITY: BIRDS

1) Go for a walk outdoors and try to spot the three birds pictured below. 2) Look out for feathers. If you find one, look at it's shape, size and colour. Talk about: Why do birds drop feathers? Which Australian bird is your favourite and why?



RAINBOW

### **DID YOU KNOW?**

Feathers stick together with barbs. This inspired the invention of velcro!

WEB (Access with a parent)



Magnified Peacock Feathers



MAGPIE

# ACTIVITY: SOUNDS

Create a soundscape by listening to the sounds around you. Draw and label them in the spaces below.



**WEB** (Access with a parent)

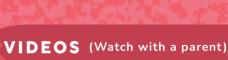
Soundscapes around the world





# ACTIVITY: INSECTS

Draw an insect below, answer the questions with an adult, then watch the videos.



Antennae







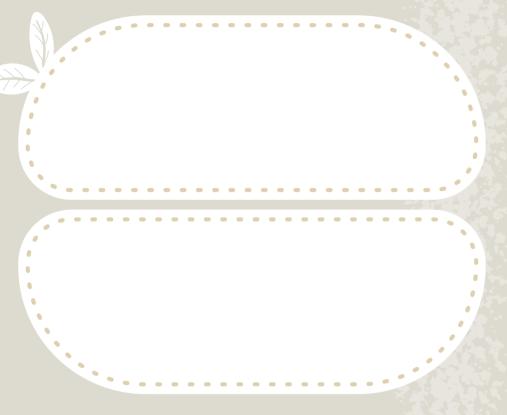
### **DID YOU KNOW?**

Insects don't have noses! Instead, they have antennae to help them smell things and feel vibrations. Insects use them to find food, and avoid danger.



## ACTIVITY: SEEDS

Find two seeds and carefully open them up! Explore their textures, colours, smells and sizes. Draw them below.



**DID YOU KNOW?** Seeds can stay in the ground for very long time. This is called being "dormant". In 2005 scientists planted a Date Palm seed that had been dormant for 2000 years. It actually grew!

**VIDEO** (Watch with a parent)

Watermelon Seed Timelapse





## ACTIVITY: SOIL

Soil Layers Experiment. You'll need: A jar with a lid + water

**Worm search.** You'll need: A patch of moist soil and gentle hands.

Scoop up a cup of soil usnig the jar. Cover with water and shake it up! Let it settle for a few hours. Watch the layers form! Talk about it:

Just like a cake has layers, so does soil. Can

you find sand, silt, rocks

and clay?

Carefully turn over a patch of soil and look for signs of life — worms, beetles, ants, or roots.

Talk about: How do worms dig? Why do plants need roots? How can old fruit and veges help soil?





Q: Why are worms good for soil?