

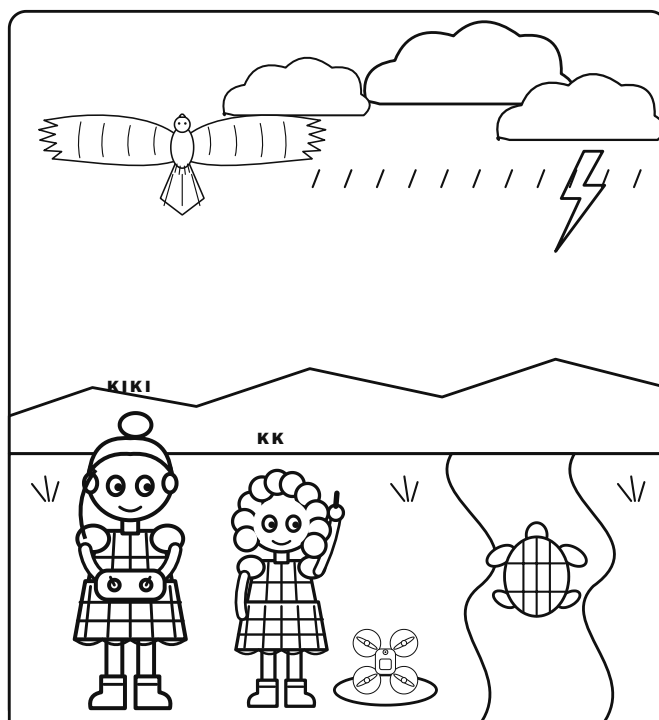


Printable pack
Level 2 · Year 4
No internet needed

AI FIRST NATIONS · DRONE KNOWLEDGE ON COUNTRY

NGARRAKAN NGARDIJI

LEVEL 2 · SAFE FLIGHT · STORM COMING



1 · Teacher guide and pathway

2 · Story to read aloud

3 · Rules: weather and emergencies

4 · Colour-in: Storm coming

5 · Match-up: read the signs

6 · Quiz

7 · Quiz answers

8 · Certificate



PAGE 1 • FOR TEACHERS AND ELDERS

LEVEL 2 TEACHER GUIDE

Level 2 follows Kiki, KK and Pop Pop on their second flight. Ngarrakan sees storm clouds and warns Turtle, who feels the water changing. KK spots the signs and Kiki lands early with battery to spare. Students learn the weather and emergency rules that keep every flight safe.

Time	What happens	Page
5 min	Acknowledgement of Country. Ask a local Elder or ranger what signs on Country show the weather is changing.	—
10 min	Read the story aloud, or play it on a screen. Stop at each scene and ask: what did they notice?	2
10 min	Rules: weather and emergencies. Students check today's weather and wind together.	3
15 min	Colour-in and match-up: read the signs.	4, 5
10 min	Quiz, marked together.	6, 7
10 min	Certificate. If flying, students do the weather check and set Return to Home with the instructor.	8

THE PATHWAY: SAME SIX STEPS, YEAR 3 TO YEAR 12

Every level: **1 Story • 2 Rules • 3 Colour & Create • 4 Match-up • 5 Quiz • 6 Certificate**. The story grows as Kiki and KK become better drone operators.

Lvl	Years	Level and story	CASA focus
1	Year 3	First Flight The Pilot and the Spotter	Keep the drone in sight • no higher than 120 m • 30 m from people • daylight only • never over people.
2	Year 4	Safe Flight Storm Coming	Weather and wind limits • battery reserve • Return to Home • lost signal • keep clear of emergencies.
3	Year 5	Eyes in the Sky Crocodile Says Keep Back	Keep distance from wildlife • privacy • no filming people without asking • camera settings with a purpose.
4	Year 6	Mapping Country Goondoi's Map	Planned missions • overlap • battery planning • instructor holds the controls for automated flights.
5	Year 7 to 8	Sharing the Sky Fire on the Hill	Airports and 5.5 km • CASA-verified drone safety apps • NOTAMs • registration • give way to crewed aircraft.
6	Year 9 to 10	AI on Country Dugong and the Counting Machine	Data from commercial flights under a ReOC • storing data safely • human checks on AI results.
7	Year 11 to 12	Careers in the Sky Kiki Earns Her Wings	Operator accreditation (16+) • RePL • ReOC • registration • job safety analysis • client briefs.

Flights in AI First Nations classes run under ReOC CASA.ReOC.8979 with the instructor in charge. Students under 16 always fly under supervision. Animal names are in English so Elders can add local language names.



PAGE 2 • STORY

STORM COMING

Read this aloud to the class. On a screen, the same story plays as an animation.

1

Kiki and KK are flying again. This time Kiki does the weather check herself: light wind and blue sky. Pop Pop watches, ready to help.

2

High above, Ngarrakan sees dark clouds far out at sea. Ngarrakan calls down to Turtle in the river.

3

Turtle can feel the water changing. "Wind is coming," says Turtle. The grass starts to bend.

4

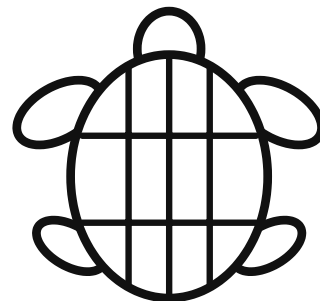
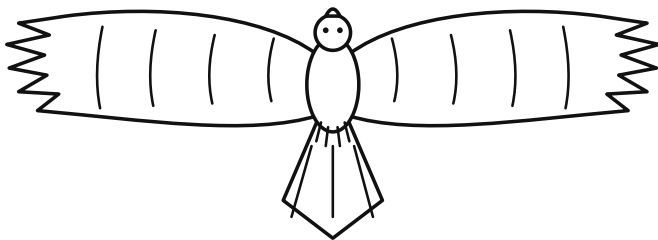
KK is watching the sky as well as the drone. She sees the clouds and the trees bending, and tells Pop Pop straight away.

5

Pop Pop makes the call: land now. The battery is at 35%, so there is plenty left to fly home safely. Kiki brings the drone back to the pad.

6

They land just before the rain. Ngardiji means wisdom: listen to Country, check the weather, and land early.



Yarn about it: What signs told Ngarrakan and Turtle the weather was changing? What signs do your Elders know? Why did Pop Pop land with battery left?



WEATHER AND EMERGENCIES

1

Check the weather before you fly

Ngarrakan reads the sky before leaving the nest. Check the forecast and the wind on the day.

2

No rain, storms or lightning

Drones are not waterproof. If you hear thunder, everyone stops and goes inside.

3

Wind must be within your drone's limit

Small drones like the DJI Neo need calm days. If trees are bending, it's too windy.

4

Keep watching the sky while you fly

Weather can change fast. The Spotter watches the clouds as well as the drone.

5

Land with battery left

Bring the drone home at 30% battery, or as soon as it warns you.

6

Set Return to Home above the tallest tree

Before take-off, set the height the drone climbs to when it flies home by itself.

7

Lost signal? Stay calm

The drone flies itself home. Keep watching it, tell the instructor, and keep the landing spot clear.

8

Listen to Country

Wind, water, birds and animals show when weather is changing. Elders and rangers know these signs, so ask them.

TODAY'S WEATHER CHECK

Check	Yes / No
Clear sky, no rain, no thunder	
Wind light: trees and grass are still	
Battery full, landing spot clear	
Return to Home height set above the tallest tree	

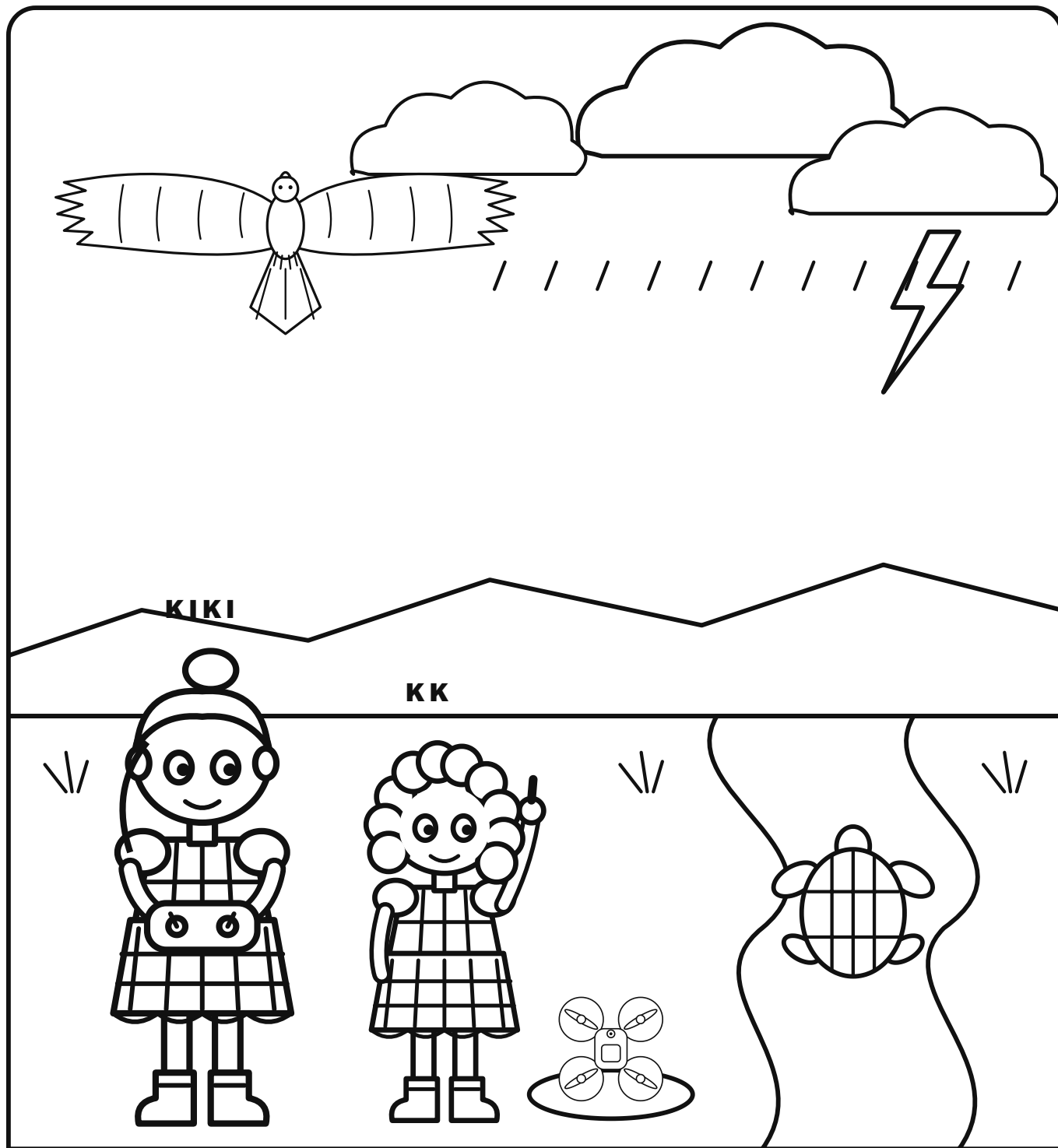
Any "No" means no flying today.



PAGE 4 · COLOUR & CREATE
STORM COMING

Name: _____

Year: _____



Colour the storm rolling in, Ngararrakan warning Turtle, and Kiki and KK landing the drone early. Use the colours of your Country.



PAGE 5 • MATCH-UP
READ THE SIGNS

Name: _____

Year: _____

Draw a line from each sign to what the crew should do.

WHAT COUNTRY SHOWS YOU

Dark clouds coming •

Trees and grass bending •

Battery warning beeps •

Signal lost •

Thunder or lightning •

Bushfire smoke nearby •

WHAT THE CREW DOES

• Bring the drone home

• Everyone stops and goes inside

• Land now and pack up

• Stay away: firefighting aircraft may be flying

• Too windy: don't take off

• Stay calm: it returns home by itself

Draw it: draw a sign on your Country that shows the weather is changing.



PAGE 6 • QUIZ
LEVEL 2 QUIZ

Name: _____

Year: _____

Tick one box for each question.

1. Trees and grass are bending in the wind. Should you take off?

- ☐ Yes, it's fun ☐ No, it's too windy ☐ Only if you're quick

2. When should you check the weather?

- ☐ Only the day before ☐ Before and during every flight
☐ Never

3. Your battery is at 30%. What do you do?

- ☐ Keep flying ☐ Bring the drone home ☐ Fly higher

4. What does Return to Home do?

- ☐ Flies the drone back to where it took off ☐ Turns the drone off
☐ Takes a photo

5. Return to Home height should be:

- ☐ Lower than the trees ☐ Above the tallest tree or building
☐ Exactly 1 metre

6. You hear thunder. What do you do?

- ☐ Land and stop flying ☐ Fly faster ☐ Film the storm

7. Who can help you read the signs of weather on Country?

- ☐ Elders and rangers ☐ Nobody ☐ The drone

8. Why must drones stay away from bushfire smoke?

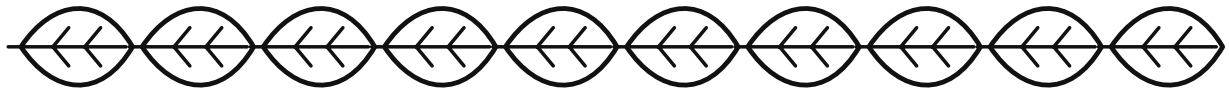
- ☐ Firefighting aircraft may be flying there ☐ Smoke is pretty
☐ It doesn't matter



PAGE 7 • FOR TEACHERS
QUIZ ANSWERS

1	No, it's too windy
2	Before and during every flight
3	Bring the drone home
4	Flies the drone back to where it took off
5	Above the tallest tree or building
6	Land and stop flying
7	Elders and rangers
8	Firefighting aircraft may be flying there

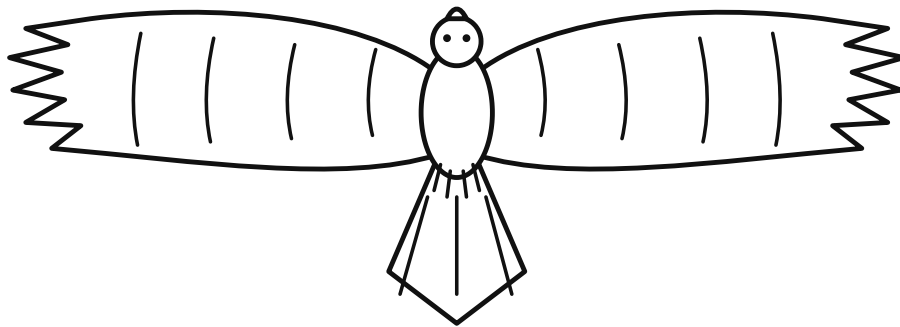
Match-up answers: Dark clouds coming → Land now and pack up · Trees and grass bending → Too windy: don't take off · Battery warning beeps → Bring the drone home · Signal lost → Stay calm: it returns home by itself · Thunder or lightning → Everyone stops and goes inside · Bushfire smoke nearby → Stay away: firefighting aircraft may be flying.



AI FIRST NATIONS • DRONE KNOWLEDGE ON COUNTRY

NGARRAKAN NGARDIJI

LEVEL 2 • SAFE FLIGHT



This certifies that

has completed Level 2 of Ngarrakan Ngardiji: weather, battery, Return to Home
and emergencies,
following the Civil Aviation Safety Authority (CASA) drone safety rules.

School or community

Date

John Fejo, Founder & Chief Remote Pilot
AI First Nations • CASA ReOC
CASA.ReOC.8979

Teacher, Elder or ranger

