

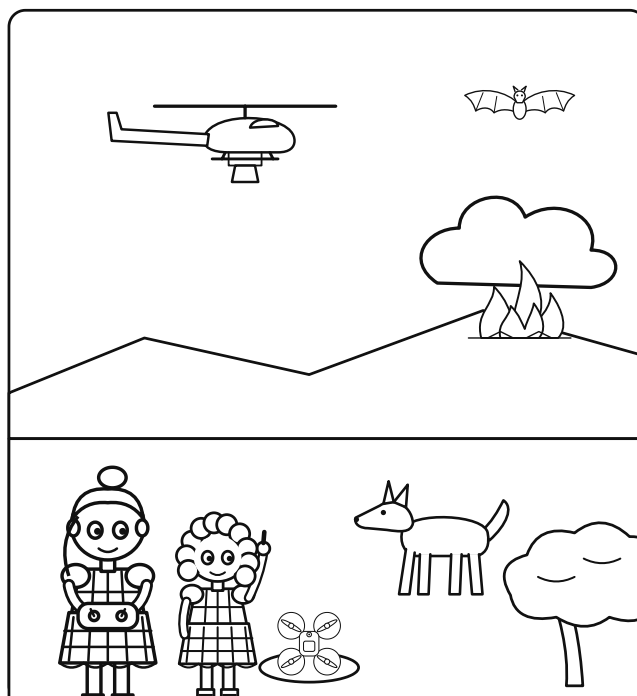


Printable pack
Level 5 · Year 7 to 8
No internet needed

AI FIRST NATIONS · DRONE KNOWLEDGE ON COUNTRY

NGARRAKAN NGARDIJI

LEVEL 5 · SHARING THE SKY · FIRE ON THE HILL



1 · Teacher guide and pathway

2 · Story to read aloud

3 · Rules

4 · Colour & Create

5 · Match-up

6 · Quiz

7 · Quiz answers

8 · Certificate



PAGE 1 • FOR TEACHERS AND ELDERS

LEVEL 5 TEACHER GUIDE

Level 5: Sharing the Sky. Bushfire smoke rises and a water-bombing helicopter comes in low. Dingo runs from the fire and Flying Fox warns Ngarrakan. KK checks the drone safety app and the crew stays on the ground. This level teaches airspace, drone safety apps, emergencies and giving way.

Time	What happens	Page
5 min	Acknowledgement of Country. Invite an Elder or ranger to share the local names for the animals in today's story.	—
10 min	Read the story aloud, or play it on a screen. Stop at each scene and yarn about it.	2
10 min	Rules. Read them together and link each rule to the story.	3
15 min	Colour & Create, and the match-up.	4, 5
10 min	Quiz, marked together.	6, 7
10 min	Certificate. If flying is planned, run the pre-flight checklist 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**.

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. Culture: Like the animals, every aircraft has its own path. Respect the paths of others.



FIRE ON THE HILL

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

1

Kiki and KK are ready to fly. Before anything else, KK checks the CASA-verified drone safety app.

2

The app shows a red zone: a bushfire on the hill. Smoke is rising in the distance.

3

Dingo runs from the fire, and Flying Fox warns Ngarrakan: "Helicopters are coming. Keep the sky clear!"

4

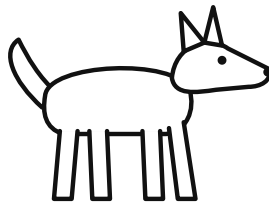
A water-bombing helicopter comes in low over the trees. A drone in the way could stop the firefighters from flying.

5

Pop Pop agrees: no flying today. The rule is simple: give way to every aircraft with people on board, and never fly near an emergency.

6

The firefighters do their job safely. Ngarrakan Ngardiji: share the sky, and stay well away from emergencies.



Yarn about it: How did KK know not to fly that day? Why do water-bombing helicopters need the sky to themselves? How do Ngarrakan, Flying Fox and aircraft share the sky?



1

Check a CASA-verified drone safety app

Before every flight, check for no-fly zones, airports and temporary restrictions.

2

Know the airport rule

Within 5.5 km of a controlled airport, only drones of 250 g or less may fly, and never in the approach and departure paths.

3

Stay away from emergencies

Never fly near bushfires, rescues or police operations. Water-bombing aircraft fly low and fast.

4

Give way to every aircraft with people on board

If a plane or helicopter comes near, descend and land.

5

Check for temporary restrictions

Events, fires and military areas can close the sky. Apps show these restrictions.

6

Register drones used for work

Every drone flown for work or business must be registered with CASA.

7

One pilot, one drone

You can only fly one drone at a time.

8

Daylight only

Flying at night needs special approval. Flying foxes and owls have the night sky.

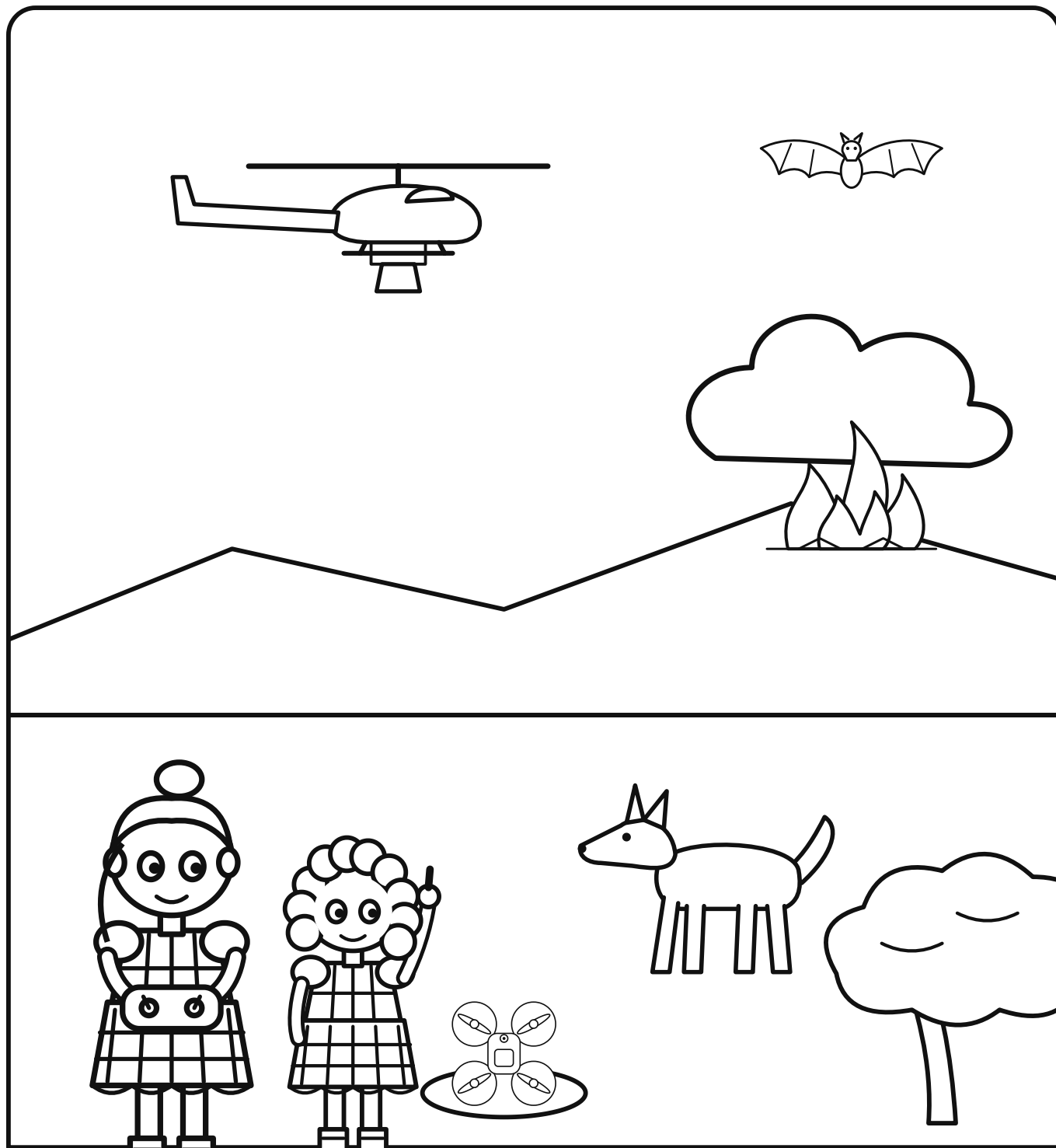
Rules can change. Check casa.gov.au and a CASA-verified drone safety app before every flight. AI First Nations flights run under ReOC CASA.ReOC.8979.



PAGE 4 • COLOUR & CREATE
FIRE ON THE HILL

Name: _____

Year: _____



Colour the picture with the colours of your Country. **Create:** add one more animal or plant from your Country, and write its name in your language if you know it.



PAGE 5 • MATCH-UP

SHARING THE SKY

Name: _____

Year: _____

Draw a line from each item on the left to its match on the right.

WHAT YOU NOTICE

Water-bombing helicopter

•

Airport 3 km away

App shows a red zone

Flying fox camp in the trees

•

The sun has set

•

A paid drone job

•

WHAT THE RULE SAYS

• Don't fly there

• Only 250 g or less, away from flight paths

• Stay away from emergencies, land now

• Registered drone and accreditation

• Daylight only unless approved

• Keep well away, don't disturb them

Create: write or draw how today's rules help care for Country.



PAGE 6 • QUIZ
LEVEL 5 QUIZ

Name: _____

Year: _____

Tick one box for each question.

1. What is the maximum height for most drone flights in Australia?

- ☐ 120 m ☐ 400 m ☐ 60 m

2. What is the minimum distance from other people?

- ☐ 10 m ☐ 30 m ☐ 100 m

3. 'Visual line of sight' means:

- ☐ Someone else can see it ☐ You can see the drone with your own eyes
☐ You can see the camera feed on the screen

4. Near a controlled airport (within 5.5 km), which drones may usually fly without extra approval?

- ☐ Any drone ☐ Only big drones
☐ Drones 250 g or less, away from the flight paths

5. If you are paid to fly a drone of 2 kg or less, you need:

- ☐ Nothing ☐ Operator accreditation and a registered drone ☐ A car licence

6. From what age can you get CASA operator accreditation?

- ☐ 21 ☐ 12 ☐ 16

7. A helicopter arrives while you're flying. You should:

- ☐ Climb higher ☐ Give way and land ☐ Keep flying

8. Smoke rises from a bushfire 2 km away. What do you do?

- ☐ Fly over to film it ☐ Stay away: firefighting aircraft may be there
☐ Fly higher than the smoke

9. What must every drone flown for work have?

- ☐ Four propellers only ☐ CASA registration ☐ Stickers

10. Why do we keep away from flying fox camps?

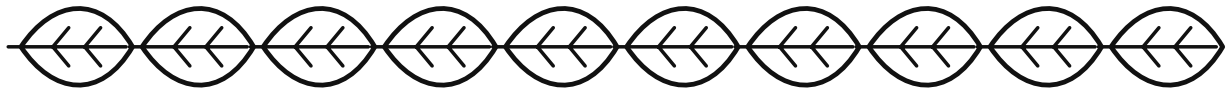
- ☐ They chase drones ☐ They have no reason
☐ Drones disturb and stress them



PAGE 7 • FOR TEACHERS
QUIZ ANSWERS

1	120 m
2	30 m
3	You can see the drone with your own eyes
4	Drones 250 g or less, away from the flight paths
5	Operator accreditation and a registered drone
6	16
7	Give way and land
8	Stay away: firefighting aircraft may be there
9	CASA registration
10	Drones disturb and stress them

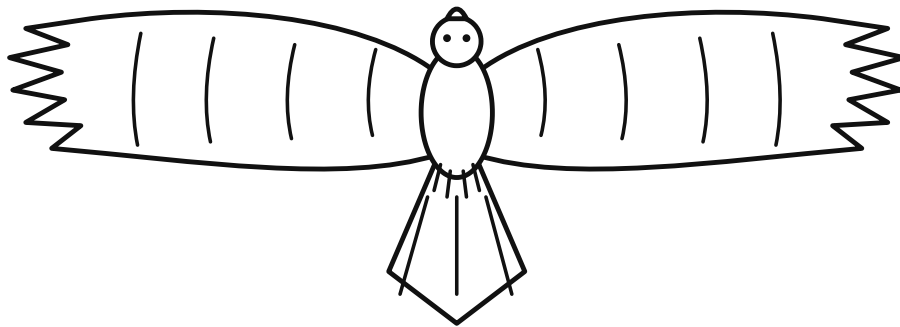
Match-up answers: Water-bombing helicopter → Stay away from emergencies, land now ·
Airport 3 km away → Only 250 g or less, away from flight paths · App shows a red zone →
Don't fly there · Flying fox camp in the trees → Keep well away, don't disturb them · The sun
has set → Daylight only unless approved · A paid drone job → Registered drone and
accreditation.



AI FIRST NATIONS • DRONE KNOWLEDGE ON COUNTRY

NGARRAKAN NGARDIJI

LEVEL 5 • SHARING THE SKY



This certifies that

has completed Level 5 of Ngarrakan Ngardiji: airspace, drone safety apps,
emergencies and giving way,
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

