WAIKATO WESTPAC RESCUE HELICOPTER

TEACHER'S GUIDE

WAIKATO WESTPAC RESCUE HELICOPTER

0800 11 10 10 | RESCUE.ORG.NZ/WWRH

HOW TO USE THIS GUIDE

Thank you so much for your interest in learning more about your rescue helicopter and doing these activities with your classroom.

Please read through the Kids Crew Activity Booklet and Teacher's Guide for the answers to the activities in the booklet.

WE LOVE

that we can be part of the community, in and outside of the classroom.

SAM
BASE MANAGER

FRENCHY
PILOT

MO
CREWMAN

DIANE
CRITICAL CARE FLIGHT PARAMEDIC

DISPATCH PROCESS

"The speed of the Waikato Westpac Rescue Helicopter ensures that we reach the patient as soon as possible. My job is to administer life-saving medical treatment to patients on-site and while en route to the hospital."

DIANE
CRITICAL CARE FLIGHT PARAMEDIC

111 DISPATCH PROCESS

Did you know the Waikato Westpac Rescue Helicopter can only be tasked to missions through the 111 Communication Centre.
Here is an example of how we would be dispatched to a motor vehicle accident!

1. Motor vehicle **ACCIDENT**

2. SOMEONE AT THE SCENE **DIALS 111** and describes the situation to the Communications Centre.

3. Communication centre gathers information to determine which emergency services are required. **RESCUE HELICOPTER IS DISPATCHED IF NEEDED.**

4. On-duty crew are paged and are **AIRBORNE WITHIN 10 MINUTES** during the day and 20 minutes at night.

5. We bring highly skilled Critical Care Flight Paramedics & the **LIFE-SAVING** equipment directly to the patient. TREATMENT BEGINS IMMEDIATELY.

6. FLYING AT SPEEDS OF **220 km per hour** the rescue helicopter lands at the hospital where doctors are waiting to provide further treatment.

ACTIVITY 1

Scenario: You reach the top of the Hakarimata Summit hike with your friend and their dad and just before the last step he trips over a root in the ground and hits his head on a rock and is unconscious. It is just you and your friend, there is no-one else around.

What should you do next?

Can you put these statements in the correct order from 1 - 9?

7	Explain what has happened with as much detail as possible.
3	Answer, slowly but clearly, 'Ambulance please.'
6	The operator will ask 'What has happened?'
1	Find a phone and dial 111.
9	Do not put down the phone until the operator tells you to.
5	Answer slowly and clearly 'My name is ----------, I am ---------- years old.'
2	The operator will answer and ask, 'Which service do you need – Police, Fire or Ambulance?'
4	The operator will ask, 'What is your name?'
8	Tell the operator the address. If you're not at home, describe where you are. Look for street names and landmarks.

ACTIVITY 2

Landing Map Help us land the rescue helicopter!

Field drawn with big ''H''. This allows your student to get creative – there are no right or wrong answers. It is just to get them to think about how a rescue helicopter could land at school if it needed to.

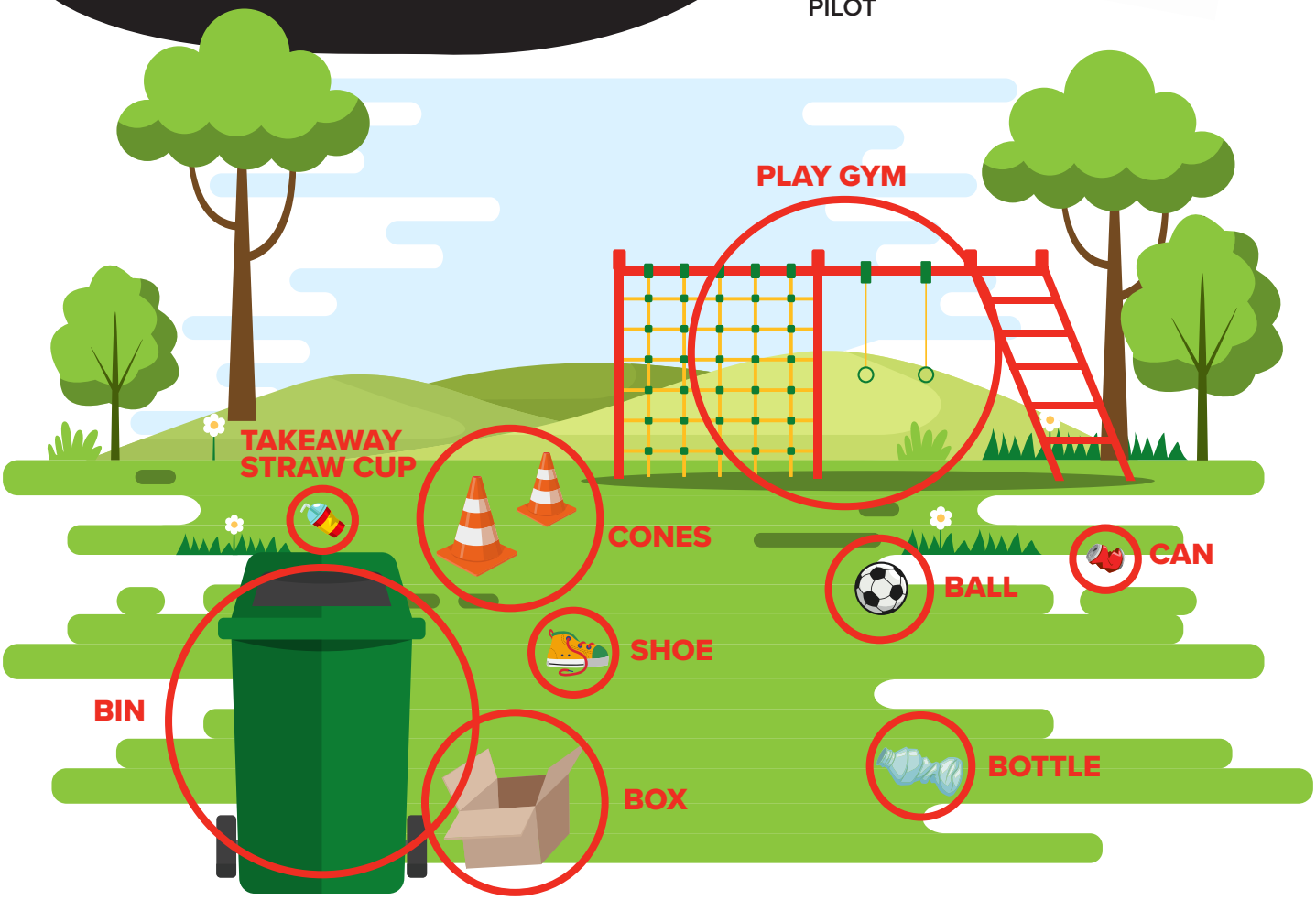
"As a pilot for the Waikato Westpac Rescue Helicopter, I need to make sure that the helicopter can land safely. We need an area about the size of a tennis court, but can land on school grounds, bridges, roads, or farms!"

FRENCY PILOT

ACTIVITY 3

Pilots need to be aware of hazards when landing a helicopter, as foreign object debris (also known as FOD), can damage our engine or injure people standing close by. FOD can be anything light that would move from strong wind caused by the helicopter dropping down to land or when it's about to fly away. Some examples would be rubbish or shoes left on the field.

FRENCY
PILOT



Can you circle all the FOD on this field?

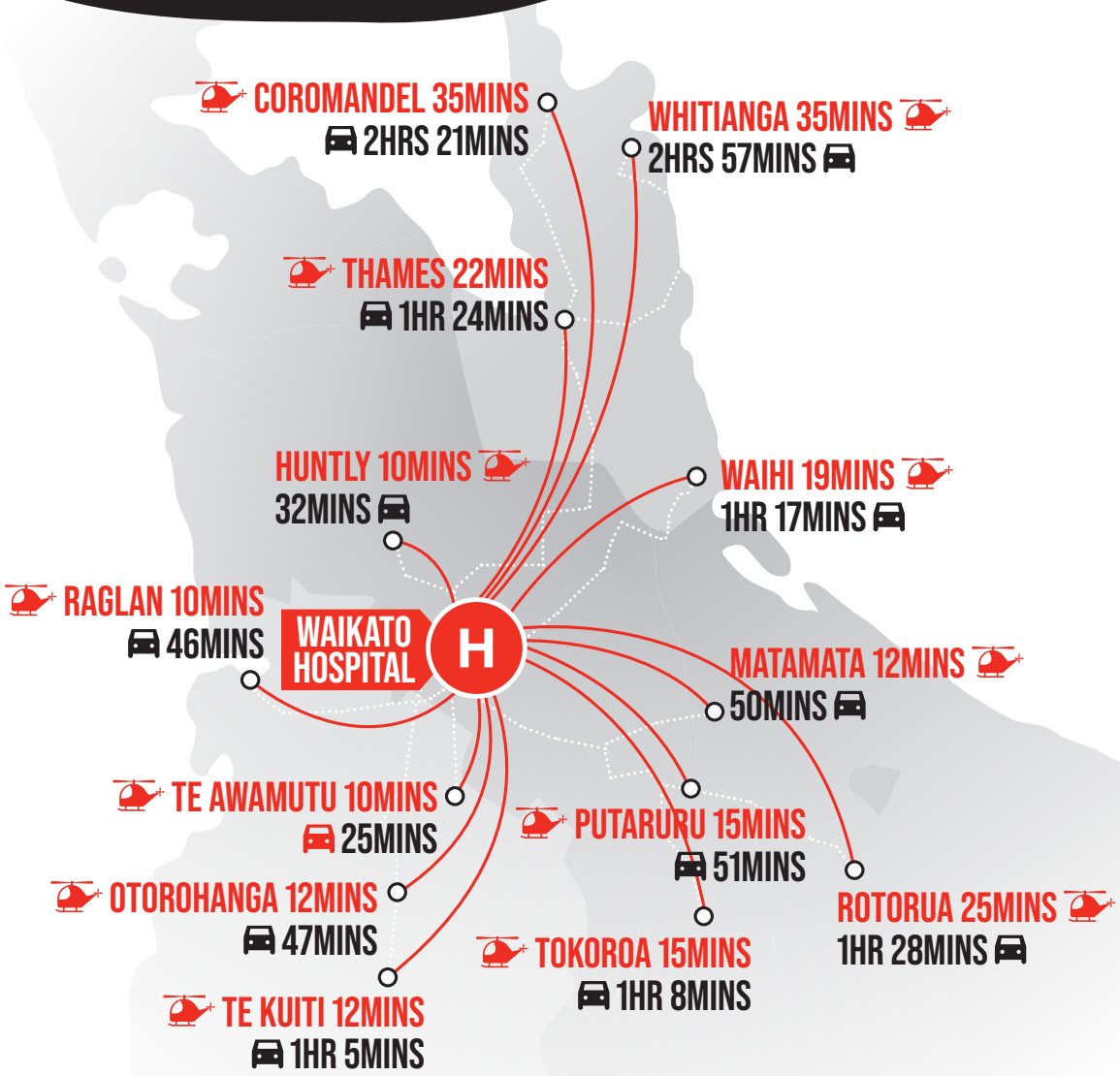
FOD - Foreign Object Debris

LOCATIONS

Your rescue helicopter goes where we are needed.

MO
CREWMAN

"When the Waikato Westpac Rescue Helicopter is tasked to a mission it's because your rescue helicopter is the fastest, the best, and in many cases, the only option for patients. We can get to places other emergency services aren't able to, so everyone in New Zealand is covered by a rescue helicopter!"



ACTIVITY 4

Rescue helicopters cost a lot to operate. Did you know each rescue mission, on average, costs just over $9,500 per mission - including fuel, crew and medical equipment.

1 **On average, the rescue helicopter uses $100 worth of fuel every minute. Using the previous page as a reference, how much would it cost to travel from the Waikato Westpac Rescue Helicopter hangar to an accident in:**

Whitianga	$3,500
Raglan	$1,000
Matamata	$1,200
Thames	$2,200

2 **4L of fuel is used every minute.**
How much fuel would we need to rescue...

- Lou, after a motor vehicle accident in Tokoroa?

60L

- Baby Lacey for urgent medical care from her home in Thames?

88L

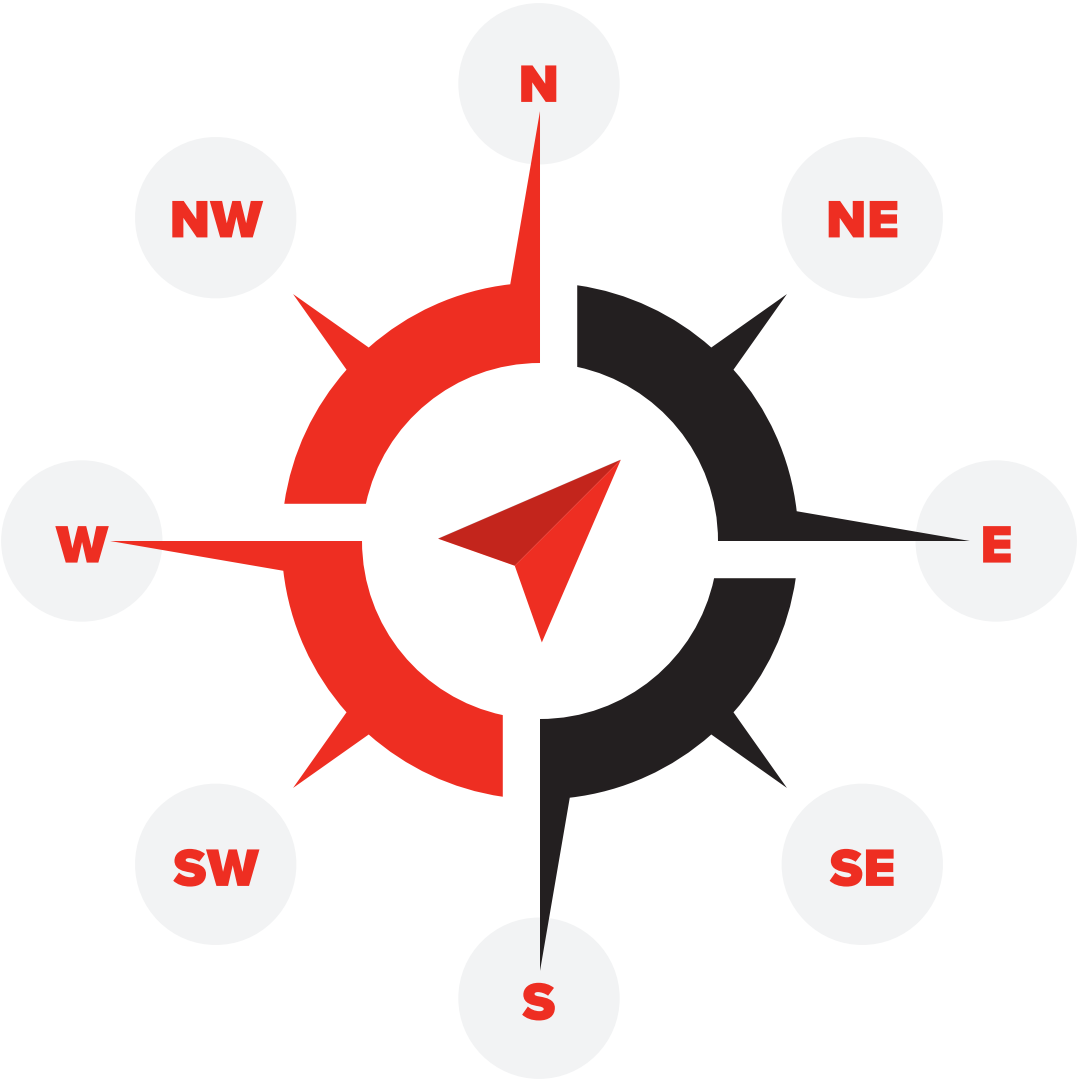
- 12 year old Hayley after a farming accident in Te Awamutu?

40L

ACTIVITY 5

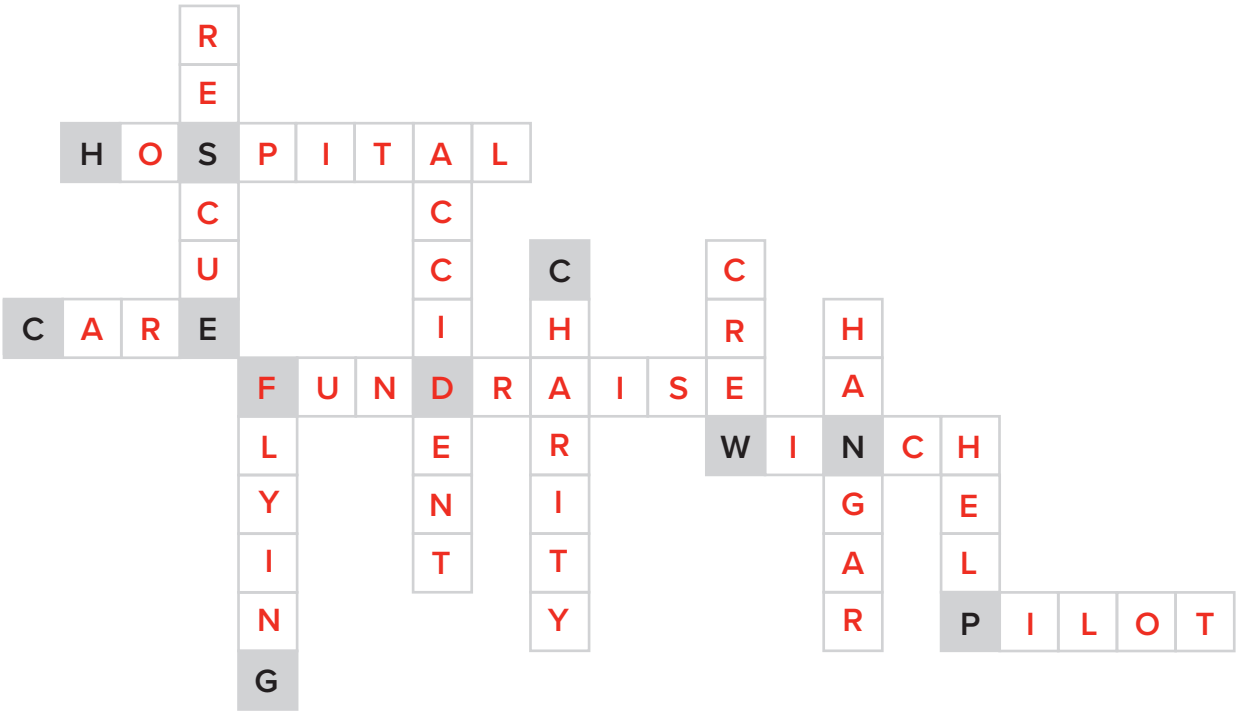
Can you fill out the points on this compass?

1. **S**-South 2. **N**-North 3. **E**-East 4. **W**-West 5. **SE**-South East
6. **SW**-South West 7. **NE**-North East 8. **NW**-North West



ACTIVITY 6

Exercise your brain with these word puzzles!



Care	Pilot	Winch
Accident	Crew	Fundraise
Charity	Rescue	Help
Flying	Hospital	Hangar

‘When we aren’t out on a mission, the crew of the Waikato Westpac Rescue Helicopter are training at the hangar. It’s important we keep our brains active and fun games are a great way to do this.”

SAM BASE MANAGER

ACTIVITY 7

Exercise your brain with these word puzzles!

A	U	C	W	L	O	R	G	Y	T	M	U	E	H	C	P	N	S	K	C
K	L	I	F	E	S	A	V	I	N	G	S	O	F	E	G	A	A	N	H
C	Q	I	D	W	Y	U	B	L	R	H	J	R	A	L	O	V	M	G	O
O	B	M	V	C	R	T	C	E	N	I	N	K	D	X	I	I	O	D	P
M	F	X	T	K	I	E	C	M	O	U	R	G	E	N	T	G	L	I	P
M	D	R	N	G	N	S	P	I	J	S	P	A	G	H	P	A	H	E	E
U	H	Q	C	L	G	U	H	S	D	P	A	T	I	E	N	T	D	T	R
N	Y	E	V	B	E	W	R	S	G	P	I	M	A	K	Q	I	N	F	S
I	O	N	L	D	L	G	A	I	D	W	A	F	B	H	S	O	K	H	M
T	L	C	S	I	R	E	R	O	R	U	H	M	R	X	I	N	T	D	C
Y	Z	R	L	M	C	Y	T	N	A	S	P	E	E	D	A	D	I	V	P
M	F	V	I	D	R	O	N	I	K	U	Y	D	T	S	O	R	F	S	I
W	E	N	U	N	G	K	P	S	V	Y	W	I	U	R	G	N	C	O	E
S	A	H	E	A	L	T	H	T	F	O	P	C	S	H	E	Y	A	H	H
E	I	W	Z	K	P	Y	L	W	E	N	N	A	E	O	R	S	U	T	W
S	U	P	P	O	R	T	I	M	A	R	U	L	T	P	F	U	F	R	E

Community
Health
Speed
Lifesaving

Mission
Chopper
Flight
Navigation

Helicopter
Syringe
Patient
Donate

Medical
Urgent
Support

ACTIVITY 8

Cost of equipment

What's onboard a rescue helicopter?
Can you guess how much each item costs?
Match the item to its cost.

DIANE
CRITICAL CARE FLIGHT PARAMEDIC

"The Waikato Westpac Rescue Helicopter carries a lot of life-saving equipment! Before and after each mission we check all the equipment on board the helicopter to make sure everything is ready for the next mission."

NIGHT VISION GOGGLES

JACKETS

A NEW BK-117 HELICOPTER

PILOT AND CREW HELMETS

DEFIBRILLATOR

$700

$3,500

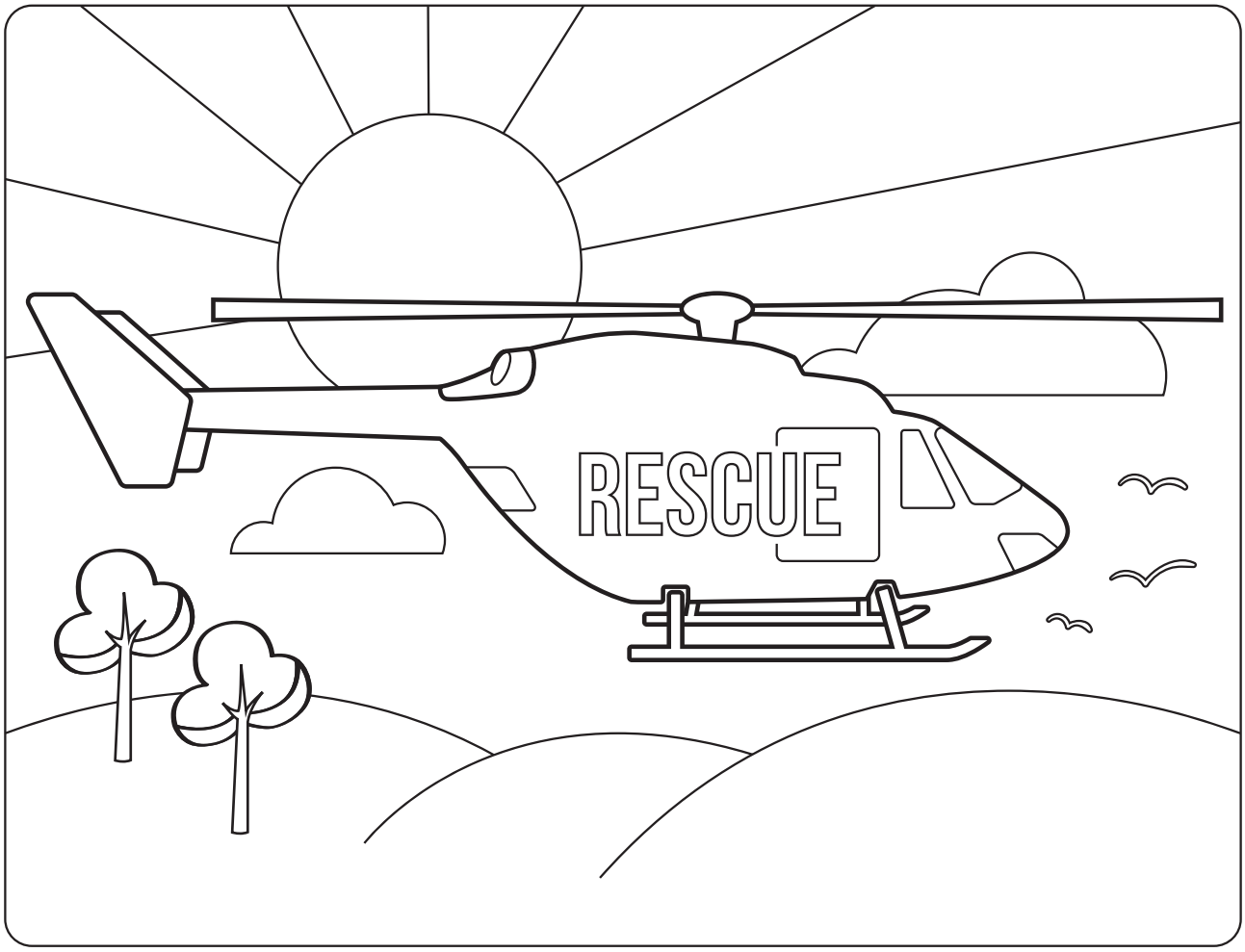
$44,000

$15,000,000

$18,000

ACTIVITY 9

Design your own rescue helicopter!



"Next time you see the Waikato Westpac Rescue Helicopter flying overhead, make sure to give us a wave!"

SAM BASE MANAGER

THANK YOU!

Thank you for going through the Kids Crew Activity Booklet with your classroom!

We hope that you had as much fun going through it, as we had creating it.

Support from schools is incredibly important to us. The funds you raise go towards our operational costs and help ensure we can continue undertaking hundreds of life-saving missions in your community each year.

If you would like to support your rescue helicopter, there are lots of ways to do this.

> Talk to your classroom about how they can help us save lives in their community.

> Check out our website for more ideas:
www.give.rescue.org.nz/wwrh-school-fundraising

> Fundraising guide: www.give.rescue.org.nz/wwrh-fundraising-guide

> Website: www.rescue.org.nz

Our Fundraising Team is here to help you with your fundraising, every step of the way, so please get in touch and let us know what you're planning to do!

Email: fundraise@rescue.org.nz

We are so grateful for your support.