



UNDRR

UN Office for Disaster Risk Reduction



COPE

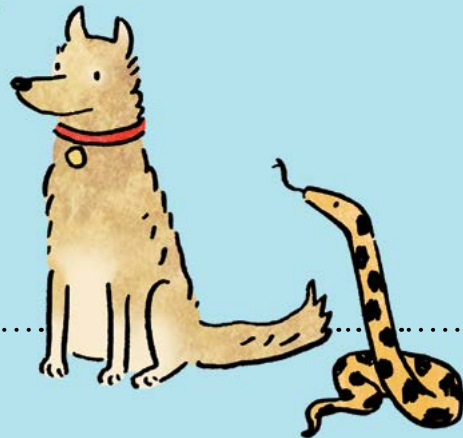
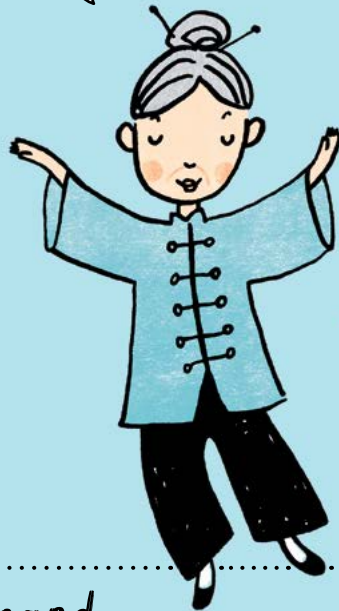
.....
*Make the Difference.
Be Ready!*



**GET UP TO
HIGH GROUND**

**COMMEMORATING
THE WORLD TSUNAMI
AWARENESS DAY:
5TH NOV**

Today is 5th November 2018,
World Tsunami Awareness Day. COPE's mission
is to prepare children and their families for
tsunamis. Listen carefully!



Grand Mistress Fu

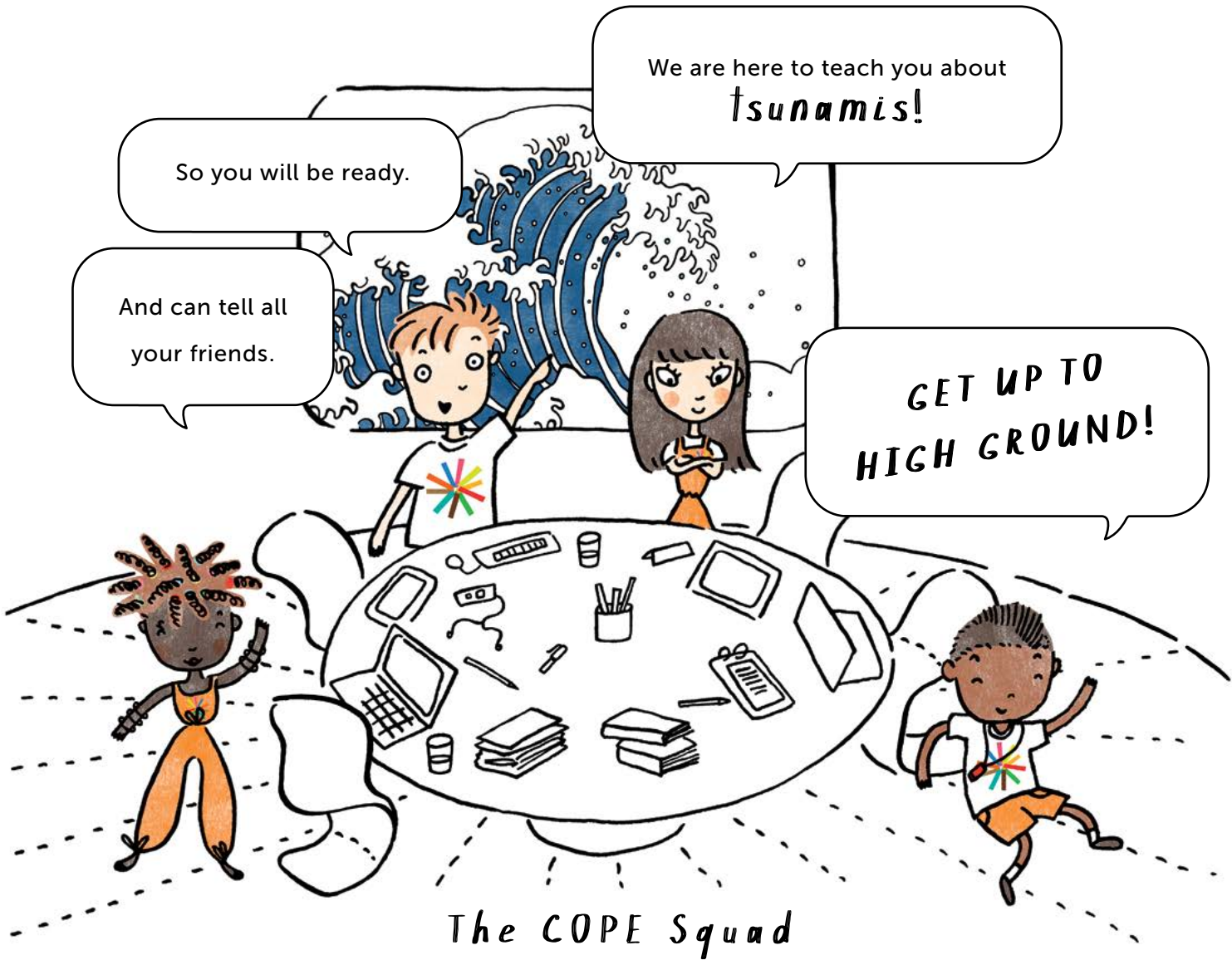
Distinguished, strict martial arts teacher and founder of The COPE Academy, where The COPE Squad are trained up as special disaster risk reduction agents.

Rescue

Huge, hectic Kunming wolf dog who tracks missing people.

Sense

Beautiful, wise royal python who forecasts disasters.



C

Candy

As the Carer, Candy is kind, lively and loves hula hooping.

O

Ollie

As the Scientist, Ollie is clever, sporty and loves astrology.

P


Ping

As the Networker, Ping is chatty, practical and love Wushu.

E

Eddy

As the Engineer, Eddy is curious, chilled out and loves Lego.



WHAT IS A
TSUNAMI?

A large ocean wave, or series of waves, caused by an underwater earthquake or a **volcanic explosion**.



Tsunamis can travel at an incredible **970kmh**, as fast as an airplane.

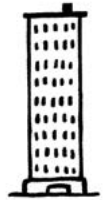


The word tsunami means "Harbour Wave"

津波

in Japanese.

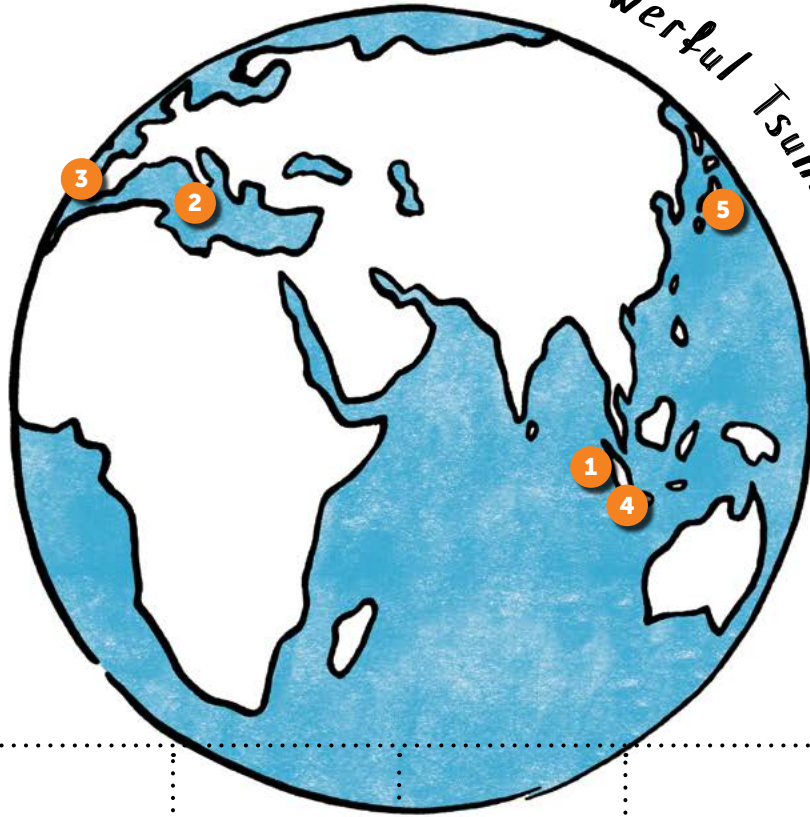
Tsunamis can reach 35m, as high as a **10-floor block of flats**, with a wavelength of up to 1,000km.



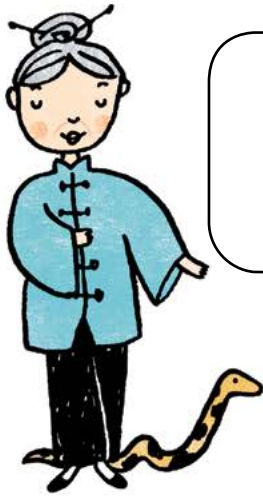
Tsunamis can speed across the ocean, **swallowing up** islands and wiping out villages.



5 Most Powerful Tsunamis



- 5** 29th SEP 1498
Enshunada Sea, Japan
31,000 casualties
- 3** 1st NOV 1755
Lisbon, Portugal
60,000 casualties
- 4** 27th AUG 1883
Krakatau, Indonesia
40,000 casualties
- 2** 28th DEC 1908
Messina, Sicily
120,000 casualties
- 1** 26th DEC 2004
Indian Ocean, Sumatra Indonesia
230,000 casualties



HOW DO YOU KNOW IF
A TSUNAMI IS COMING?

Strong ground *shaking*
for 10 seconds or more.



The sea *moves rapidly away*
from the shore, like the tide going out,
but much faster



A loud ocean *roar!*

As the sea pulls back, the ocean floor
(sand, fish, corals) may be exposed.



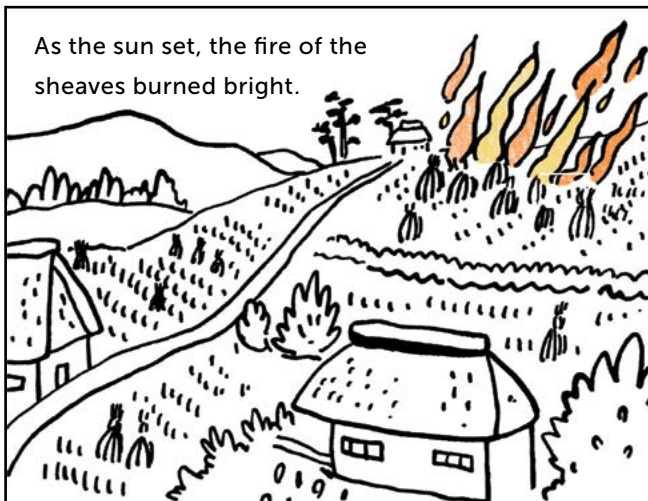


WHY IS NOVEMBER 5TH WORLD TSUNAMI AWARENESS DAY?

In honour of "Inamura no Hi",
the Burning of the Rice Sheaves.



1854 One night in Hiromura, Japan, 150 years ago, there was a huge earthquake.



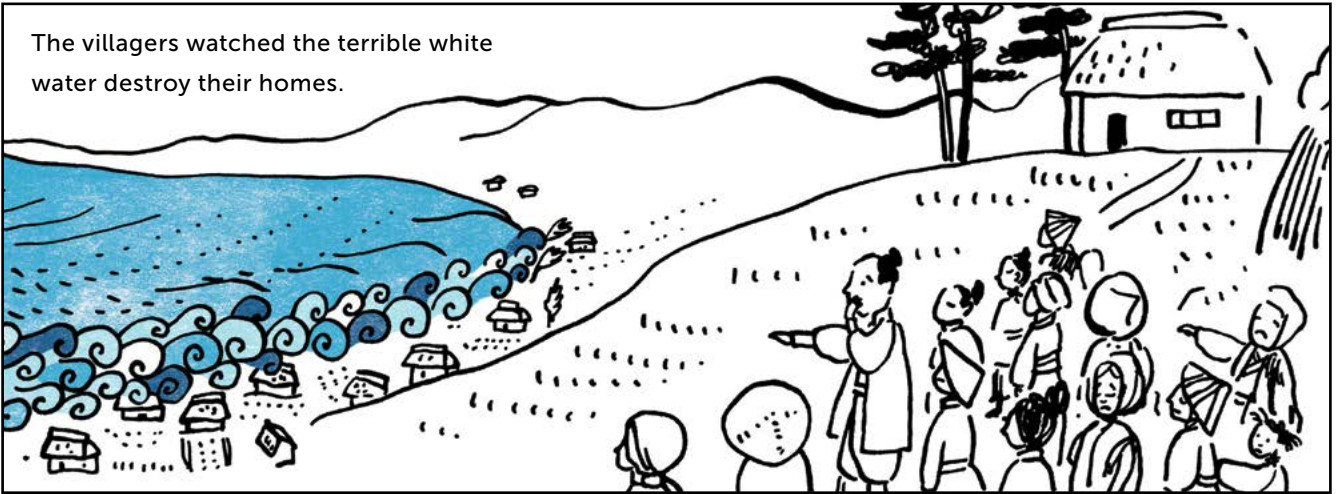
They ran up the hill to put out the fire.



Leave it. A tsunami is coming. Tell everyone to hurry up the hill!



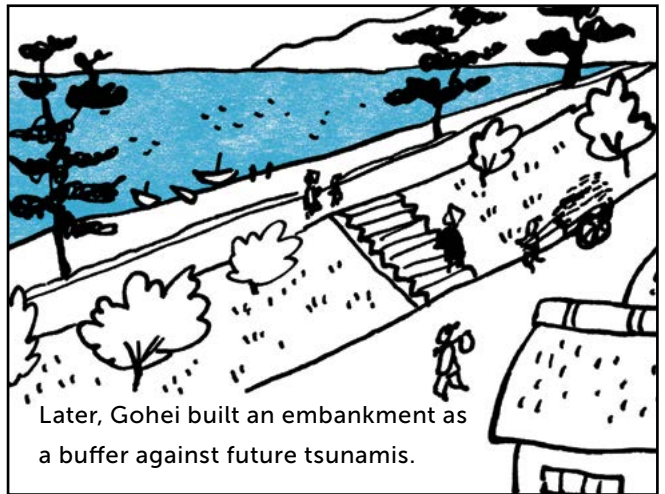
The villagers watched the terrible white water destroy their homes.



But the fire had saved their lives.



Later, Gohei built an embankment as a buffer against future tsunamis.



WHAT SHOULD YOU DO
IN A TSUNAMI?



If the tsunami is caused by an earthquake,
drop, cover & hold
to protect yourself from the earthquake first.



If on a boat, face the
direction of the waves
and head out to sea.



When the shaking stops, immediately

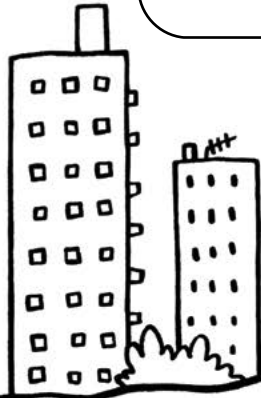
*get up to high ground
or a tall building.*

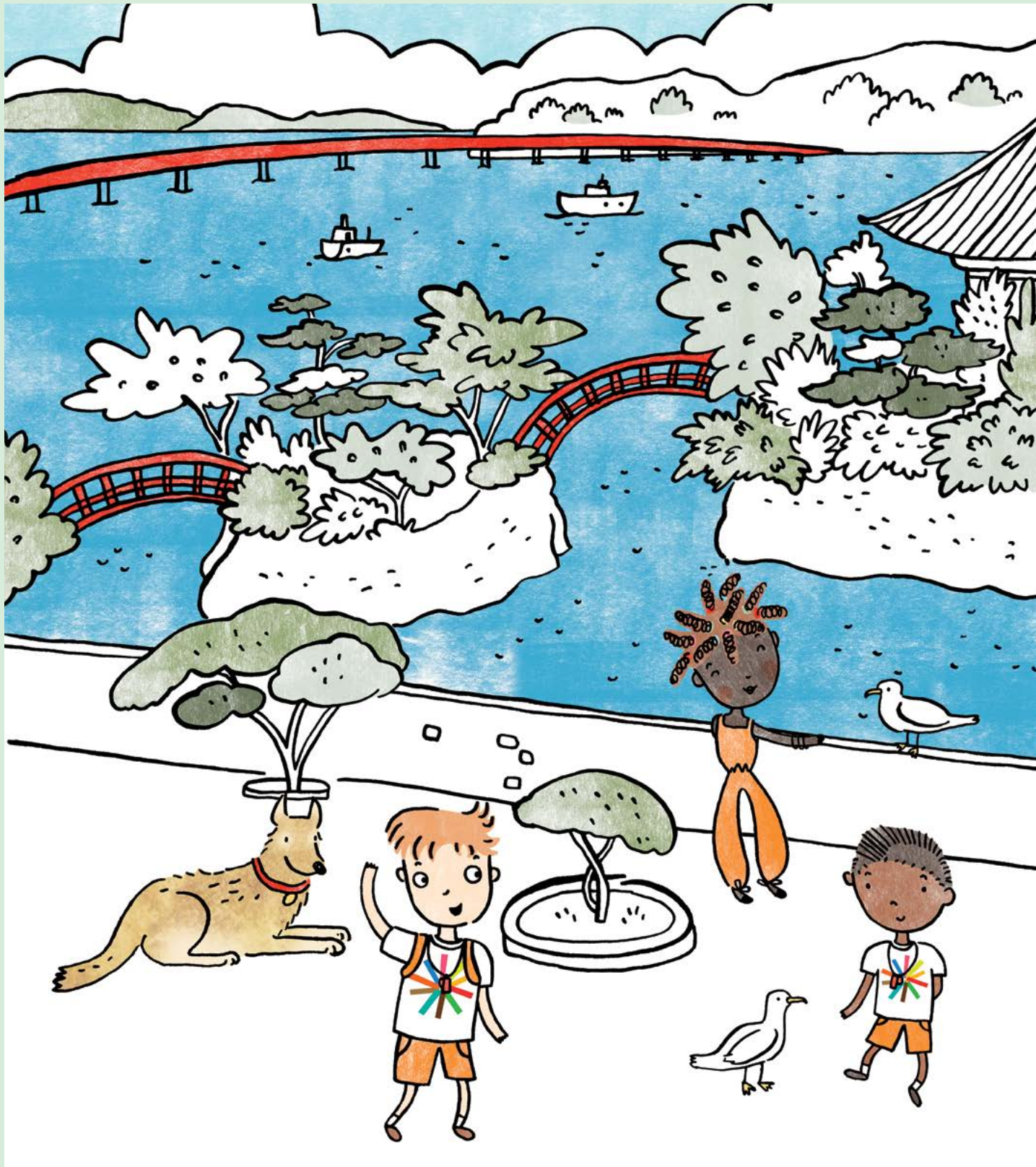
Run inland as fast as you can,
for 3 kilometres or
30 metres above sea level.

GET UP TO HIGH GROUND!

Stay on high ground. Tsunami waves
may continue for hours and the first
wave may not be the largest.

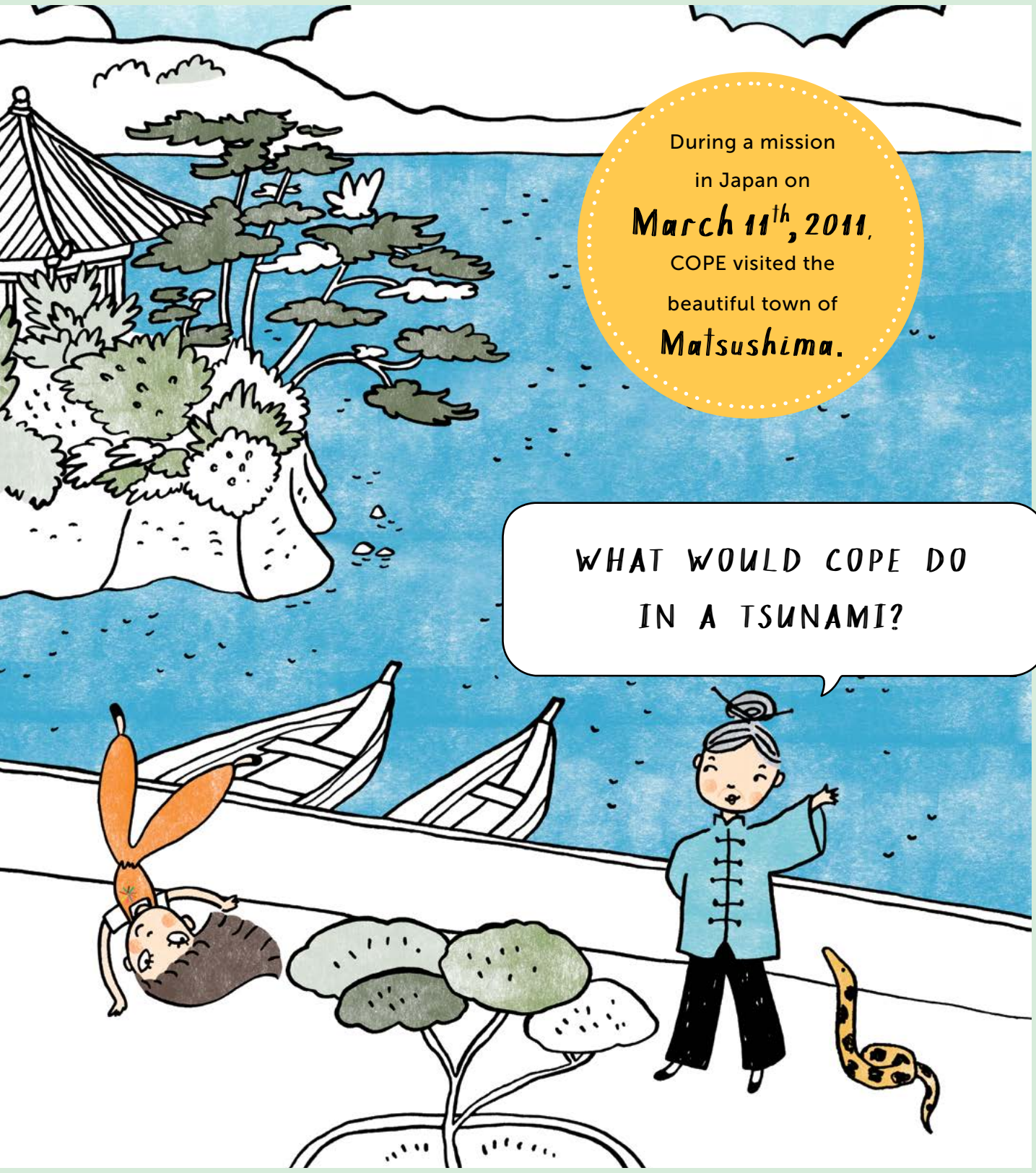
Do not return home
until it is safe.





During a mission
in Japan on
March 11th, 2011,
COPE visited the
beautiful town of
Matsushima.

WHAT WOULD COPE DO
IN A TSUNAMI?





March 11th, 2011 Matsushima

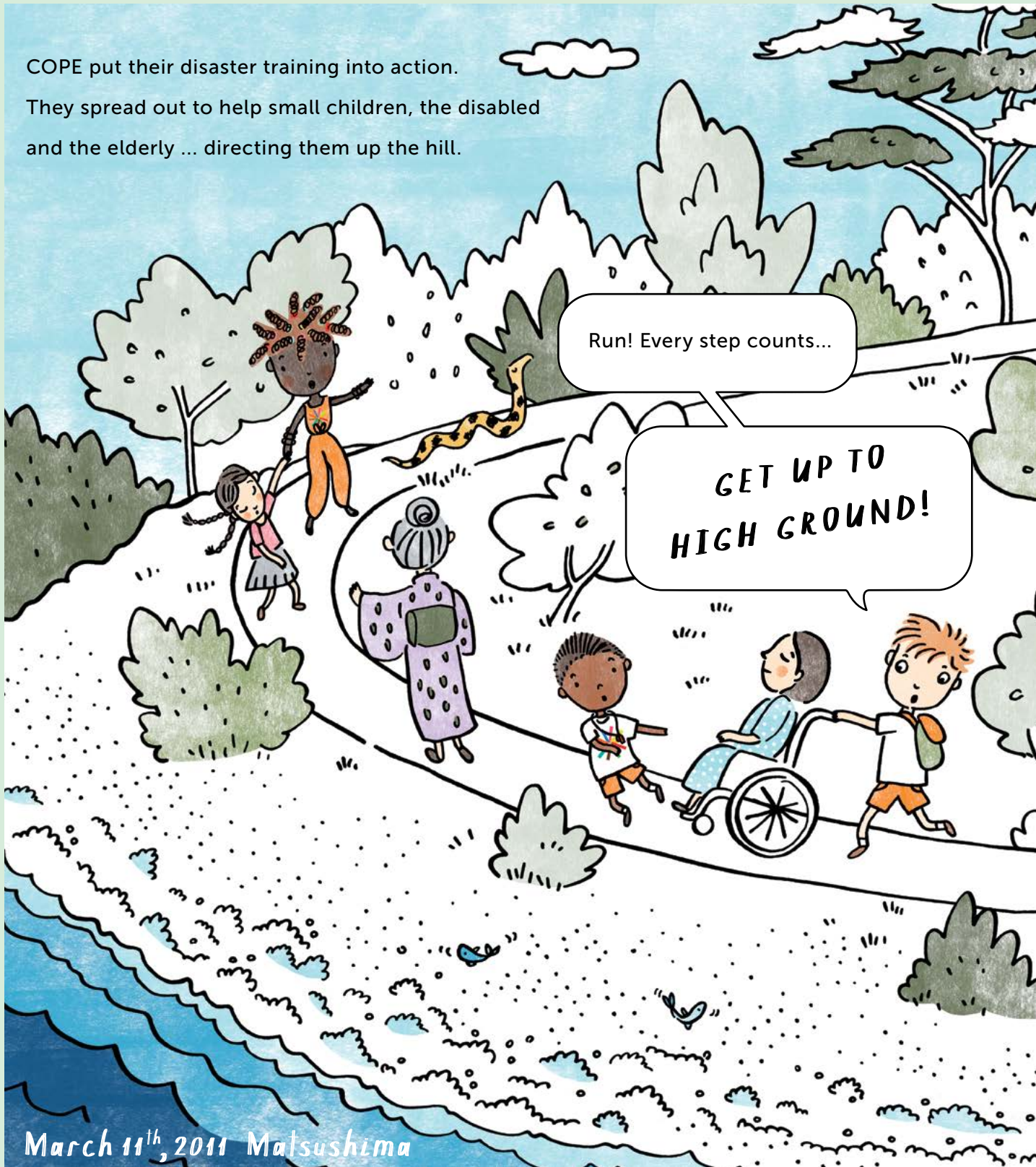
Tsunami! Quick!

GET UP TO
HIGH GROUND OR
A TALL BUILDING!

This way!



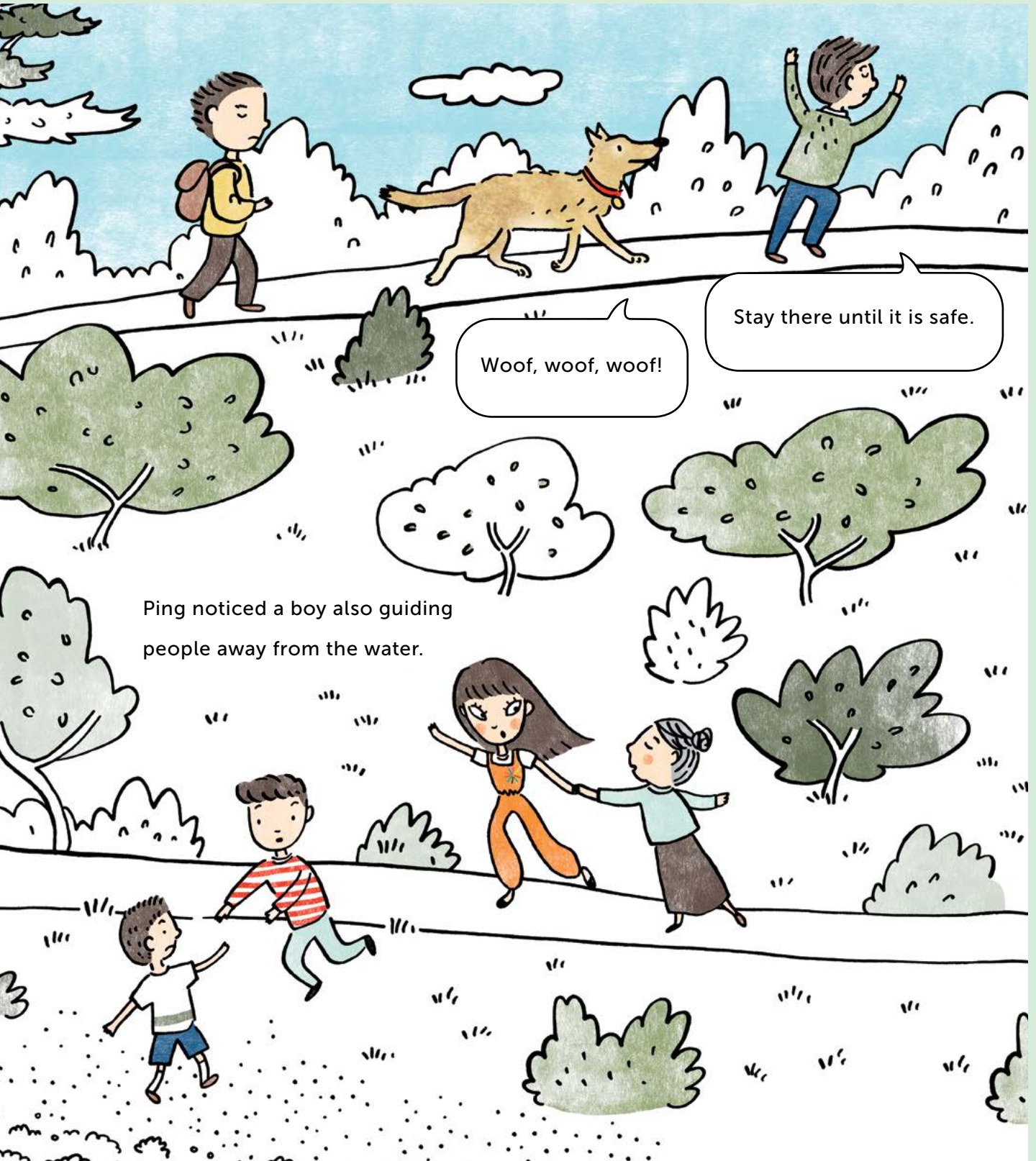
COPE put their disaster training into action.
They spread out to help small children, the disabled
and the elderly ... directing them up the hill.



Run! Every step counts...

GET UP TO
HIGH GROUND!

March 11th, 2011 Matsushima



Woof, woof, woof!

Stay there until it is safe.

Ping noticed a boy also guiding people away from the water.

Luckily the bay of Matsushima had been protected from the tsunami. The waves had reached only 3.8 metres instead of 15 metres waves, which swept through other coastal towns.



Survivors gathered on the eighth floor of a hotel, checking each other for injuries and waited, calmly.

March 11th, 2011 Matsushima



Ping congratulated the boy she had seen earlier.

You are a hero! Do you remember **Tilly Smith**, the brave girl who saved a village in the 2004 Indian Ocean Tsunami?

Yes, I read all about Tilly. She taught me to get up to high ground.





WHO IS TILLY SMITH?



On December 26th 2004,

Tilly Smith, then a 10 year old British girl, was on holiday with her parents in Phuket.

During a walk along the beach, *Tilly noticed the tide was rushing out, the sea was fizzing and a log was spinning in the water.* These signs reminded her of a video about tsunamis she had watched during her geography lessons.

Tilly soon realised a tsunami was really coming. *She screamed at people to get off the beach, to run and stay up on high ground.*

Tilly's smart thinking saved her family and hundreds of lives.

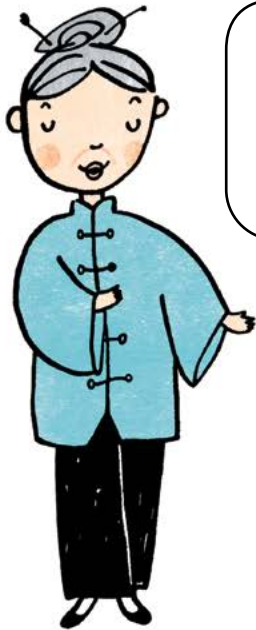


The United Nations later invited Tilly Smith to meet President Clinton, then UN Special Envoy for the Tsunami Recovery.



And she has won many awards.



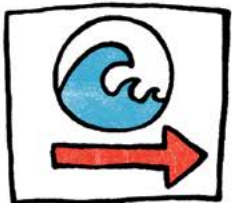


HOW CAN YOU BE A COPE TSUNAMI CHAMPION, AND BE READY?

Pack a *survival bag* (phone, water, snack, torch, first aid kit). Make a *contact plan* with your family. Stay tuned for warnings on the TV, Radio and Internet.



Become role models in your community – host a high ground hike or put on a play at your school.



Find the nearest emergency shelter to your home, school or tsunami risk places.

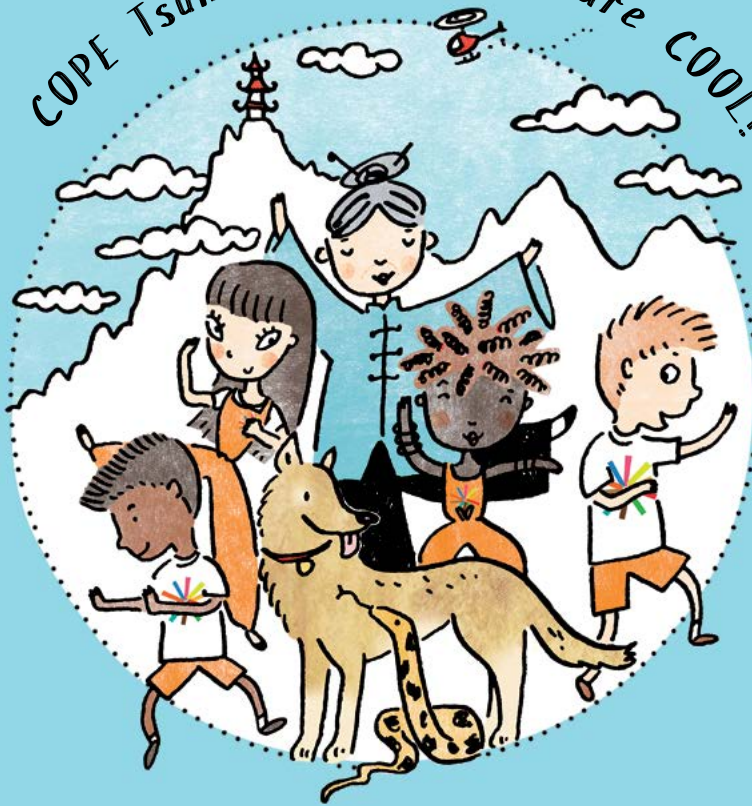
Plan your evacuation route. Do practice drills.

Spread the word...

GET UP TO
HIGH GROUND OR
A TALL BUILDING!



COPE Tsunami Champions are COOL!



COPE

COPE Contributors

AUTHOR Martha Keswick
ILLUSTRATOR Mariko Jesse
EDITOR Timothy Sim
DESIGNER Sandy Lui

.....

Special thanks

Prof Philip England, *University of Oxford*;
Dr Wang Dongming, *National Disaster
Reduction Centre of China*

.....

Copyright © 2018 Martha Keswick,
Mariko Jesse, Timothy Sim

The information and advice contained in this document do not necessarily reflect the views of UNISDR or of the United Nations Secretariat, partners, and governments, and are provided as general guidance only.

.....

www.cope-disaster-champions.com



SENDAI FRAMEWORK FOR DISASTER
RISK REDUCTION 2015-2030

**WORLD
TSUNAMI
AWARENESS
DAY**
5 NOVEMBER
2018

