

# THE EARTH'S ENVIRONMENT

## Geography

Stage: 2

Outcomes: GE2-1, GE2-2, GE2-3



In this workshop students will examine the climate, vegetation and native animals of Australia and Sumatra. They will learn about the importance of habitats for animals and people and discover the ways people value environments, including Aboriginal and Torres Strait Islander Peoples.



TARONGA  
**ZOO**  
SYDNEY



TARONGA  
WESTERN PLAINS  
**ZOO**  
DUBBO

*For the Wild*

# SUGGESTED ACTIVITIES- TEACHER RESOURCE

Pre- or Post-Zoo Visit

## LEARNING INTENTIONS

1. I understand the differences between the environments in Australia and Sumatra
2. I understand the impact that forest loss has on wildlife and can identify more sustainable uses of land

## SUCCESS CRITERIA

1. I am able to identify 4 differences between the environment in Australia and Sumatra
2. I can identify at least one sustainable land management practice and one way I can help



## EXPLORERS

- On a map of Australia and Sumatra, create a key and highlight different habitat types – in particular tropic rainforest.
- Use the Forest Loss link below to explore forest loss in Australia and Sumatra since 2000. Create a See, Think, Wonder chart and fill it out as you explore the interactive map.
- Use the Taronga Zoo Legacy Species Fact File (link below) to explore the Native Australian animals and create a digital poster to inform others about what they can do to help them survive in the wild.
- Use the same link to create your own Sumatran equivalent with Native Sumatran species  
(Students could use [Glogster Edu](#))

## PERSPECTIVE

Work collaboratively to plan and present (eg. role play) different perspectives of people to the environment in relation to forest clearing in Sumatra for palm oil production. You might want to try the Circle of Viewpoints thinking routine (link below). People with different perspectives may include:

- farmers
- local residents
- Indigenous community members
- palm oil companies
- environment advocates
- tourists
- tourism operators
- government.

For the group of people they are representing, students should consider what:

- their wants/needs are
- their feelings about the native forest
- the impact they will have on the environment
- the impact they will have on the local community.

## LINKS:

[Forest Loss](#)

[Legacy Species Fact File](#)

[Circle of Viewpoints](#)

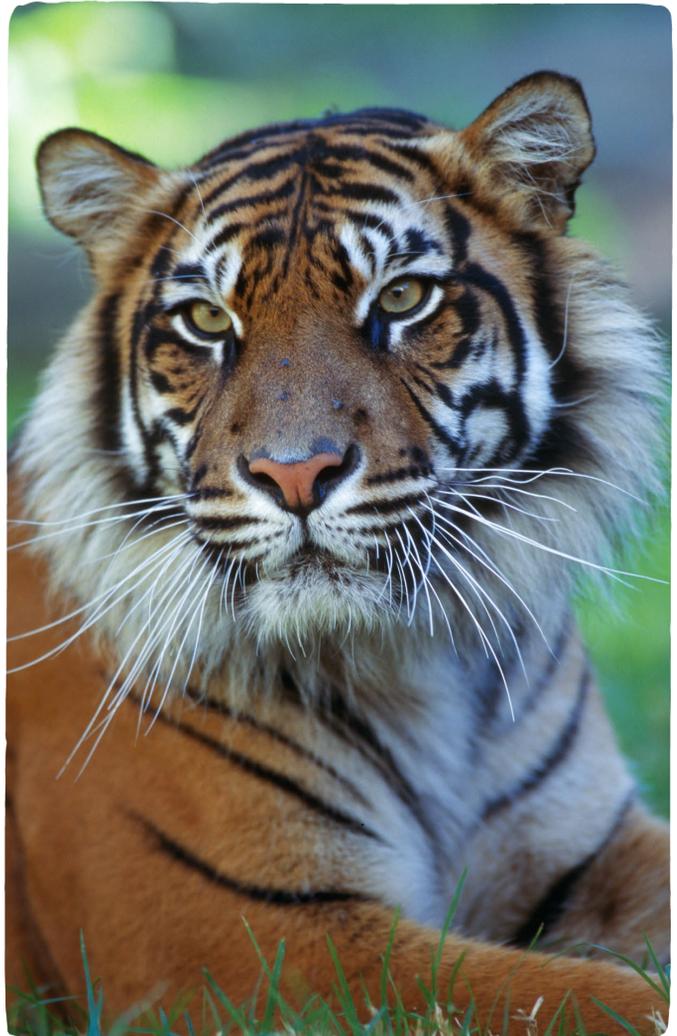
# SUGGESTED ACTIVITIES- TEACHER RESOURCE

Pre- or Post-Zoo Visit

## YOUR CHOICE MATTERS

From your own research and if you went to Taronga Zoo Sydney and took a journey through Tiger Trek, compile a list of companies that use certified sustainable palm oil (CSPO) in their products.

Write a letter to one of the companies congratulating them for using sustainable palm oil.



## CONSCIOUS CONSUMERS START AT SCHOOL

Audit your school canteen or your pantry at home to determine which products are using good palm oil.

For the products that contain non-sustainable palm oil, make recommendations to your canteen or parents for replacement products that contain sustainable palm oil.

Write a persuasive letter to a company that isn't yet using sustainable palm oil, and encourage them to make the switch. Think about the language devices utilised in order to persuade them and consider the data you could use to show the impact it is having on the environment and wildlife.

### SUSTAINABLE PALM OIL - THE DIFFERENCE IS YOU!

YOU	COMPANIES	LOCAL PEOPLE	ENVIRONMENT	ANIMALS
You ask for products that contain RSPO certified sustainable palm oil.	Companies buy and use sustainable palm oil in their products.	Fair working conditions for local people.	Rainforest and habitats conserved.	Endangered species protected.

To find out more visit [www.rspo.org.au/palm\\_oil](http://www.rspo.org.au/palm_oil)



©Taronga Zoo Institute for Science and Learning 2018

These sheets may be reproduced for teaching purposes. Permission to reproduce them for other purposes may be obtained from the Taronga Zoo Education Team.



Education



TARONGA  
WESTERN PLAINS  
ZOO



TARONGA  
ZOO

For the Wild



# STUDENT WORKSHEET

At the Zoo

## HOME AND AWAY

Use the venn diagram below to compare and contrast the Sumatran animals at the Zoo with the Native Australian animals. Consider their needs too. What are the similarities? What are the differences?

SUMATRAN ANIMALS

NATIVE AUSTRALIAN ANIMALS

