

Year 9 Geography inquiry

at Adelaide Zoo

Biomes & food security

Key inquiry question

How do food choices by Australian consumers impact tropical rainforests in Indonesia, and what actions are people taking to manage these impacts?



Your investigation

There are three important locations around Adelaide Zoo where information is available to help you investigate the inquiry question.

Your task

Visit the three animals listed below, read the information on the signs at these locations and answer the questions on the back of this inquiry sheet.



Government of South Australia
Department for Education and Child Development



Rainforest info panel; Bird Aviary Map N6



Find the answers to these questions and write it in the box provided.

What percentage of all living organisms on the planet live in rainforests?

How many of the world's insects live in tropical rainforests?

What percentage of the world's pharmaceutical drugs come from rainforests?

In your own words explain why rainforests are so important to the world?



Rainforest info panel; Bird Aviary

Based on the information on the panel, what are the main reasons why people are destroying rainforests?

Cause



Effect



What impact is it having?



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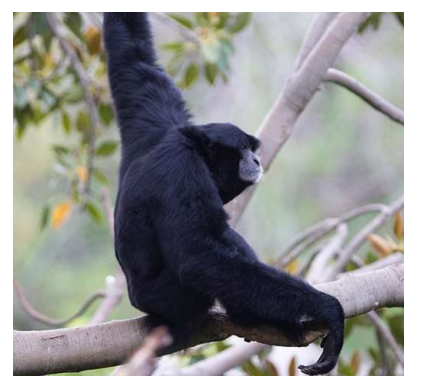
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Year 9 Geography Inquiry: Biomes and food security

Species information panels; Map M5/O4, P4 & L6

Based on information at the tiger, orangutan and siamang enclosures, what human actions are having a negative impact on these species?

Give different examples for each species



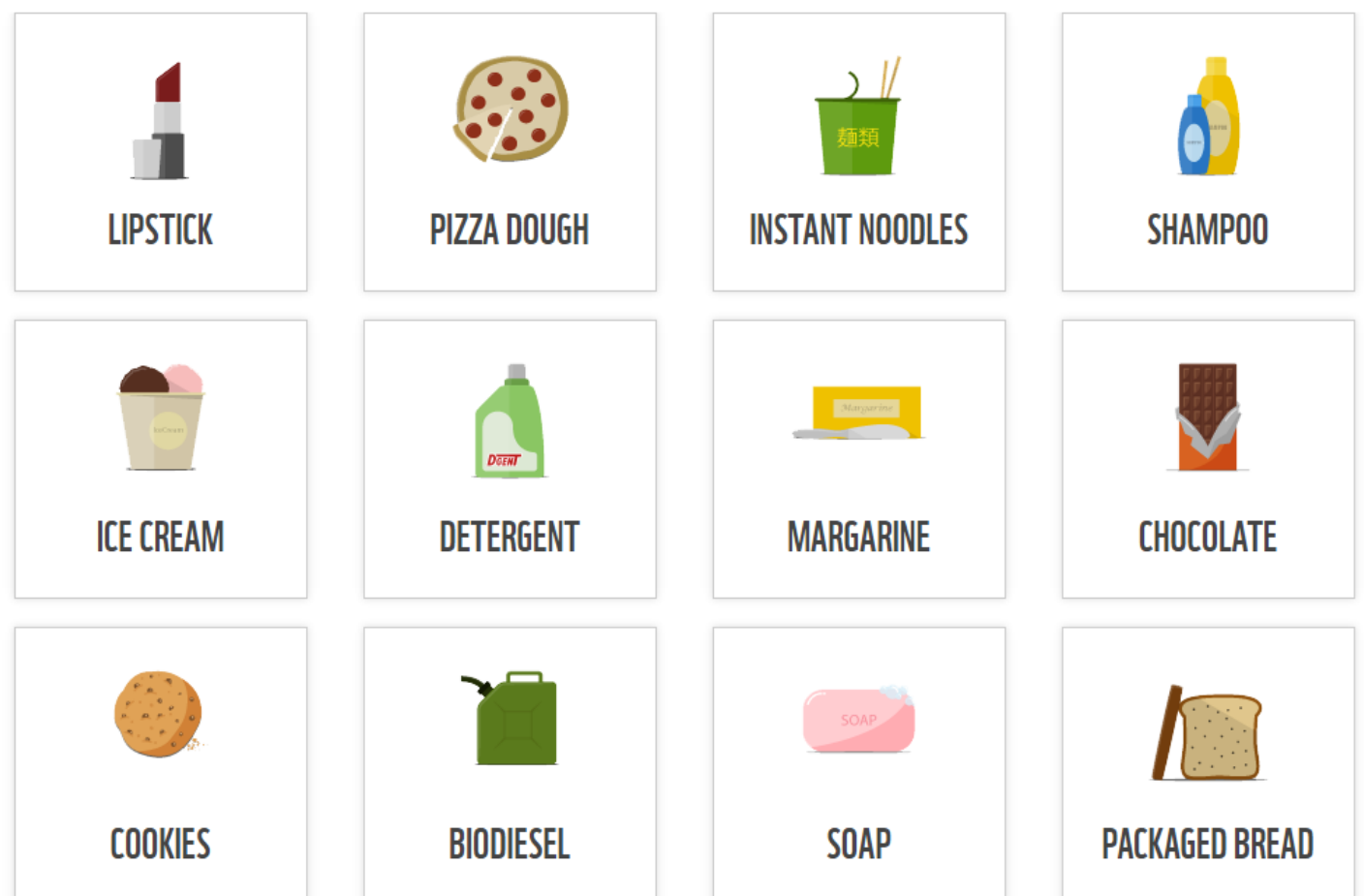
Interconnections

How are Australian consumers impacting Indonesian rainforests?

Explain what you think the connection is between the food we eat in Australia (that contains palm oil) and deforestation in Indonesia?

Why do you think palm oil is so popular to use in food? If you don't know, have a guess... why would a company use one type of oil instead of another?

Did you know that many of the products below contain palm oil? Go to the World Wildlife Fund website to learn more... www.worldwildlife.org



Taking action

After researching animals in the rainforest biome how do you think people can take action to help save these environments and species? Think about the images on the right hand side of this page for clues.



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