

Threatened species challenge

...at Adelaide Zoo

Years 4, 5, 6 & 7

Your challenge...

is to learn about and *speak out* for an animal species that lives at Adelaide Zoo and is threatened in the wild.

Learn how you can save animals from extinction.



Government of South Australia
Department for Education



The challenge

Explore and research

...a threat to an animal species at Adelaide Zoo

Plan

...how you are going to speak out for this species?

Engage at the Zoo

...to observe and learn about threatened species

Find out what people are doing to save them

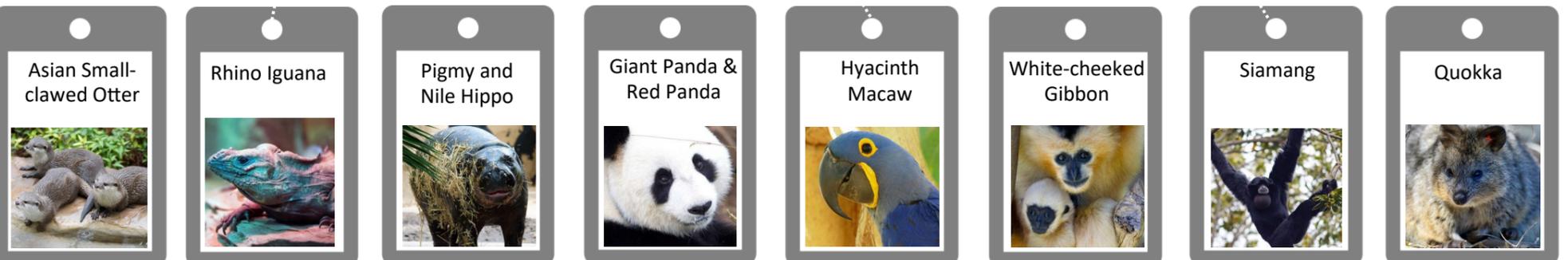
Create

...and design a story about how you will speak out for your animal

Share

...with your class and school, with the Zoo and your community

Threatened species



Find this map on the Adelaide Zoo website

Before you arrive at the Zoo

Choose a threatened species to research

Pick an animal from the list on the previous page.

What threatens your chosen animal?

(Draw a line between the threat/s and your animal)

Your animal

Habitat loss

Humans eating wild animals

Feral pests

Humans killing wild animals

Animal disease

Traditional medicine

Irresponsible tourism

Pollution

Poaching / smuggling

Road kill

Other

Before you arrive at the Zoo

- Why did you choose this animal?
- What natural risks do they have in the wild?
- How are the threats to this animal caused by humans?



Explore the **REDLIST to
learn about your animal**

Before you arrive at the Zoo

Plan your story

Speak out for a threatened species to prevent extinction.

Choose how you will share your animal's story...

E.g. **story book, poster, blog, video, rap, play or photo story.**

I will speak out for my animal by creating a...

You could choose questions from the list below or make up your own.

- What animal am I investigating?
- Why is this species threatened?
- Where does the animal live in the wild?
- How endangered (threatened) is this species?
- What type of habitat does my animal live in at Adelaide Zoo?
- What information is there at the Zoo about your animal?
- What breeding programs is this animal part of?
- What other animals at the Zoo have similar threats to your animal?
- What other threats to animals did you discover at the Zoo?
- What are people doing to protect this species and other species?

Don't be afraid to ask your own questions too!

Plan your story

Choose **action/s** you will speak out about to help save your animal species from extinction.

Here are some ideas...

Tell people about how to protect wildlife
Share the conservation work of Zoos SA with others
Educate others about nature and habitats



Buy environmentally friendly products
Support companies that give back to conservation
Avoid buying animal souvenirs when traveling

Fundraise to conserve your favourite species
Volunteer with a conservation group



Take simple steps to save energy and water
Refuse/Reduce/Reuse/Recycle
Choose sustainable transport; walk/ride /bus

Create a safe haven for wildlife in your backyard
Get involved in wildlife monitoring such as backyard bird counts
Participate in community planting and weeding events



Highlight one or more of these actions you want to focus on in your presentation



Our conservation reach

We provide specialist expertise and financial support for international conservation projects covering Africa, Asia and the Pacific regions to protect habitats, support species recovery and work with local communities. We also support research and actions to adopt best practice in animal welfare and to address illegal wildlife trade.

For more information about our projects and partnerships, please visit our website www.zoossa.com.au/conservation-programs

1. Australia

Key native species projects: Orange-bellied Parrot, Mallee Emu-wren, Pygmy Bluetongue, Striped Legless Lizard, Western Swamp Tortoise, Greater Bilby, Yellow-footed Rock Wallaby, Black-flanked Rock-wallaby (Warru), Tasmanian Devil, Mainland Tammar wallaby and South Eastern Red-tailed Black Cockatoo.

We actively manage our Monarto site to conserve threatened plant species and provide refuge for declining woodland bird species.

We also work with a range of partners under Rewilding for Conservation to breed and reintroduce animals such as bettongs, bilbies and wallabies into priority conservation areas.

2. SERA Wildlife Conservancy

Kenya - Kenya - support a 330,000ha wildlife conservancy in Northern Kenya owned by a Samburu community of 16,000 tribes people, by selling bead-work made by the Samburu women and sending back all profits to support ranger wages. Reticulated giraffe and Black rhino have both been successfully reintroduced back into the conservancy.

3. China Wildlife Conservation Association

China – coordinate panda international agreements and research activities, including in-situ conservation, ex-situ breeding and release.

4. Wildlife Asia

Indonesia, Java, Sumatra, Malaysia – support projects for habitat protection and rescue efforts for threatened species including Australian Orangutan Project, Free the Bears, Silvery Gibbon Project, Asian Rhino Project and the International Tiger Project.

5. Giraffe Conservation Fund

Throughout Africa – support giraffe conservation and management in the African wild through fund raising, awareness and habitation protection programs.

6. Komodo Survival Program

Indonesia – support the management and conservation of the Komodo Dragon in its natural habitat including research and local community projects.

7. Tetepare

Solomon Islands – supporting community conservation programs and education scholarships towards protection of the largest uninhabited island in the South Pacific.

Wild Welfare

Zoos SA is a sponsor for Wild Welfare, a not for profit organisation that operates internationally to improve animal welfare practices in zoo and aquaria and end the suffering of animals held under poor captive conditions.

8. South African National Parks

Honorary Rangers

Kruger National Park, South Africa – support ranger counter-poaching efforts, particularly for rhinos along with conservation projects, community awareness, fundraising and on-ground support.

9. Cheetah Conservation Fund

Namibia – saving Cheetah in the wild through research, habitat restoration, human-wildlife conflict resolution and alternative livelihoods, and education activities.

10. Tacugama Chimpanzee Sanctuary

Upper Guinea Forest, Sierra Leone – support community development and conservation programs to manage natural resources and to address significant threats to rainforest.

11. Painted Dog Conservation Inc

Zambia, Zimbabwe & Namibia - support conservation, research, community awareness and rehabilitation projects for large carnivore species such as the African Wild Dog, Cheetah, lion, leopard, hyena and the habitat they rely on.

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Plan your excursion to the Zoo

This is the information I will gather while at the Zoo.

Photos

Notes

Video or audio recordings

Sketches

Information from Zoo Volunteers

Tick the relevant boxes

Zoo Volunteers love to answer questions about animals at the Zoo

What equipment will I need to collect this data?

Camera /
Phone

iPad /
Tablet

Pencil /
Paper

Clip-
board



Collect information at the Zoo

Find your animal on the Zoo map.

You will find species signs that give you a lot of information. Collect this information, thinking about what you might use in your story.



Record...

1. Interesting facts that you didn't discover in your earlier research
2. What level of threat is your animal?
3. What actions are Zoos taking to protect this animal?
4. Are there special breeding programs to save your animal?
5. If you asked a Zoo Volunteer about your animal, what facts did they give you?

If your animal can't be seen on the day, find another animal that has a similar threat that you can use as an example for your story.

At the Zoo

Collect information at the Zoo

Record / sketch here...

At the Zoo

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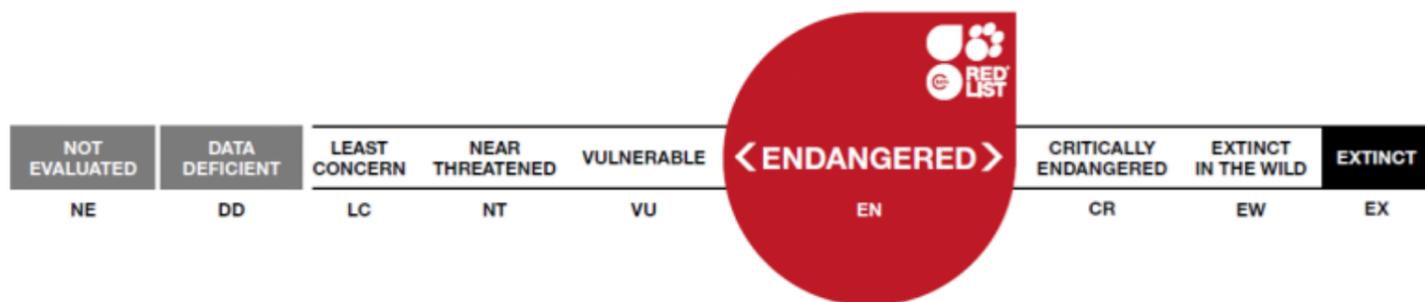
At the Zoo

Collect information at the Zoo

Record / sketch here...

Collect information at the Zoo

Find **up to** 5 other animals at the Zoo that are threatened (Vulnerable, Endangered or Critically endangered).



Animal	Why is it threatened?
Threat level	What are Zoos doing to protect this species?

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Prepare your story

Speak out for your animal through your story.

There will be a...

1. **Beginning:** Introduce your animal and threat
2. **Middle:** Speak out for the animal; explain what people can do to protect it; compare your animal's threats to other animals you saw at the Zoo
3. **Conclusion:** Summary of your argument

Share your work with your class.

Back at school / home / community

Prepare your story

Share your work with other classes in your **school**, at **home** and with the school **community**.



Speak out for threatened species to give them a better chance of being saved



Extension work... discover more

IUCN

The International Union for the Conservation of Nature's *Redlist* provides comprehensive information about the risk of extinction for many plants and animals across the planet.

Go to the *Redlist* and dig deeper into the animal your are investigating.

<http://www.iucnredlist.org/>



Zoos SA

Zoos SA undertakes a range of actions to save species from extinction. Go to the conservation section of the Zoos SA website to explore some of these actions.

<https://www.zoossa.com.au/conservation-programs/>



Primary Years – Extension ideas

- Explore how the animal you are investigating uses special adaptations to survive in their environment and how habitats are designed to cater for this species at the zoo.
- Explore how zoos cater for animal needs... Think about how the zoo designs modern enclosures to make sure animals are physically healthy, can behave in similar ways as they can in the wild, and are as stress free as possible.
- Predict what you think could happen to animals in the wild if their habitat is destroyed or changed. Use one animal as an example.
- Explain how scientific knowledge is used to save species from extinction

Middle Years—Extension ideas

- Explore the meaning of the word *biodiversity*... why is maintaining biodiversity important?
- Explore the impact of feral/introduced plant and animal species on Australian biodiversity
- Explore the role of conservation organisations in protecting biodiversity at one location around the world. What are the pros and cons of different strategies? How successful or unsuccessful have different strategies been in saving habitats and biodiversity?

