

# Learning Session

## Conservation Connection

Year

11-13

### Learning Outcome + Session Outline

- ✓ **List reasons why animals may become endangered.**
- ✓ **Understand how people's management of natural resources and economic decisions impact on environmental and social sustainability.**
- ✓ **Give examples of conservation efforts Wellington Zoo supports locally and globally.**

Conservation is at the heart of everything we do at Wellington Zoo. Through an interactive activity, students will investigate decisions regarding the use of resources, and consequences for those decisions.

While visiting animals that are ambassadors of their species, students will learn what actions Wellington Zoo takes as conservation leaders, and how the students can help protect animals in the wild and their habitats.

### Curriculum Links

**Living World - Ecology Level 6:** Investigate the impact of natural events and human actions on a New Zealand ecosystem.

**Geography - Level 6:** Understand how people interact with natural and cultural environments and that this interaction has consequences.

**Living World - Ecology Level 7:** Explore ecological distribution patterns and explain possible causes for these patterns.

**Geography - Level 7:** Understand how people's perceptions of and interactions with natural and cultural environments differ and have changed over time.

**Living World - Life processes, ecology, and evolution Level 8:** Understand the relationship between organisms and their environment.

Explore the evolutionary processes that have resulted in the diversity of life on Earth and appreciate the place and impact of humans within these processes.

**Earth systems and interacting systems - Level 8:** Develop an in-depth understanding of the interrelationship between human activities and the geosphere, hydrosphere, atmosphere, and biosphere over time.

**Related NCEA Standards:**

**Geography 1.3 AS91009:** Demonstrate geographic understanding of the sustainable use of an environment (3 credits, Internal)

**Education for Sustainability 2.2 AS90811:** Explain how human activity in a biophysical environment has consequences for a sustainable future (4 credits, Internal)

**Biology 2.6 AS91158:** Investigate a pattern in an ecological community, with supervision (4 credits, Internal)

**Biology 3.5 AS 91605:** Demonstrate understanding of evolutionary processes leading to speciation (4 credits, External)

**Relates to the Guiding Principles of Mātauranga Whakuka Taiao Environmental Education for Sustainability:**

**Sharing Values:** Fostering kaitiakitanga, personal responsibility and citizenship.

**Growing knowledge, skills and understanding:** Developing social, cultural, economic and scientific understanding.

**Taking collective action:** Enabling increased collaboration and the tangata whenua role as kaitiaki.

**Thinking for the future:** Emphasising a vision for the future and life-long learning for all.

**Adopting a uniquely New Zealand perspective:** Providing real-life contexts for learning about sustainability.

