



TEACHER GUIDE

Topic	<i>Restoring Earth's Ecosystems Incursion: 3-6</i>
Incursion Duration	45 minutes per session
Program Description	<p>Build Knowledge</p> <ul style="list-style-type: none"> • Students understand the different ways in which living things are connected within an ecosystem and how human actions have positive and negative impacts <p>Foster Connection</p> <ul style="list-style-type: none"> • Students connect with their local environment by learning about the interconnected organisms that call it home and the endangered animals who are at risk of disappearing from it <p>Action & Skills</p> <ul style="list-style-type: none"> • Students will learn new skills to guide their actions, including; <ul style="list-style-type: none"> ◦ Identifying the habitat requirements for different kinds of native wildlife in their local area ◦ Conducting a habitat survey to identify how their school grounds supports biodiversity ◦ Identifying future steps to restore habitat and improve biodiversity at school and home
Learning Intention	<ul style="list-style-type: none"> • Students understand the importance of biodiversity and varied ecosystem connections • Students recognise that humans have negative and positive impacts on the environment • Students explore the different needs of native animals and identify ways to protect and improve their habitats
Success Criteria	<ul style="list-style-type: none"> • Identify food, shelter, pollination, fertilisation, and decomposition connections within an ecosystem • Describe the threats that face vulnerable and endangered Victorian wildlife and recognise steps that could be taken to protect them • Explore an ecosystem in their schoolyard and identify how it supports native wildlife through a habitat survey
Curriculum Links	Science, Geography, Design & Technologies, Civics & Citizenship



Pre-Incursion Activity

**Warming up
for your
incursion
with CERES**

Watch: [Our Planet - What is Biodiversity](#).

An engaging video from David Attenborough which explains what biodiversity is and why it is important. Can stop at 1 minute 40 seconds or watch the entire clip.

[The Wetland Food Web](#)

Get students' minds curious about the complex interconnections for ecosystems.

Post-Incursion Activity

**Call-to-
action post
CERES
incursion**

[Action Plan](#)

Using prompts of what, why, who, how, and when, students collaborate to design an action plan responding to the inquiry question: "How can we support biodiversity in our school?"

**Additional
lessons to
support
student
learning:**

[Habitats and Food Webs Video & Game](#)

Watch this informative video and play an interactive game to enhance student understanding of the importance of biodiversity.

[How to start a Sustainability team](#)

Feeling inspired by your visit from CERES and curious to know how you can do more for your school? Consider starting your own student-led sustainability team using this guide.

