

ECOSYSTEMS CHALLENGE | TEACHER GUIDE



Activity Overview:

Students will observe a live stream of an animal of the class's choosing. While watching the live stream, students will participate in a discussion about the animal's ecosystem and the impact we have on their ecosystem!

Prep Time: < 5 minutes

Activity Duration: 15-30 minutes

STANDARDS ALIGNMENT

Common Core

- *SL.3.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.*

NGSS

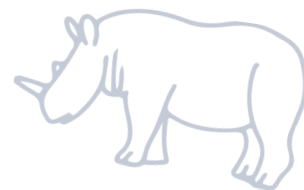
- *3-LS4-4: Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.*

MA Comprehensive Health

- *3.7.CE.4: Describe ways that the community can impact the health of people within that community.*
- *3.7.CE.6: Use accurate information when discussing environmental health issues (e.g., littering, deforestation, recycling, climate change, clean water) that impact people's health.*

MATERIALS NEEDED

- Computer
- Projector/Smartboard
- Guiding questions (digital or hard copy)
- Live stream [link](#)





BACKGROUND INFORMATION

Ecosystems are composed of both living and nonliving components, which are connected and interact with one another. Humans interact with ecosystems all over the world, both directly and indirectly.

INSTRUCTIONS

1. As a class, peruse the different live stream options. Choose one of the nature live streams (suggested categories: Africa, bears, birds, ocean).
2. Watch the live stream for a few minutes before asking the following discussion questions:
 - a. Can you remind me what an ecosystem is?
 - b. What do you notice about the different animals that are present here?
 - c. How do you think our actions may impact this ecosystem?
 - d. In what ways is this ecosystem different from the one you live in? In what ways is it similar?
 - e. How can YOU protect this ecosystem?
3. Continue to check in on your live stream and discuss at least once a week until the next Change is Simple visit! (Maybe pick a day that works for you to keep it consistent!)

