

Learning Experience 12

Interactive Ecosystem Presentations

Time

50-100 minutes

DAILY MESSAGE/DO NOW

Get projects ready.

HOOK

Let's consider again how wolves can change rivers after our EcoMUVE experience. Can you see now how wolves can change rivers?

How Wolves Change Rivers video <http://www.wimp.com/wolvesrivers/>

Teacher Prep/Materials

- Determine presentation order (optional)
- Laptops
- EcoMUVE
- MakeyMakey Kits
- Experience 12 Presentation

Summary

Teams of students will present their final interactive ecosystems either through a gallery walk or individual presentations to the class. Invite community members, family, etc. to the presentations.

Understanding and Performance Goals

- Students should be able to communicate a hypothesis and offer evidence to support their claim.

Expand (5 min.)

Explain that each group will have about 5 minutes to share their conclusions.

Note: Class presentations may take more than one day.

1. Tell the audience, your students, that it is their role to ask questions about what they are hearing.
 - Is the team making a clear argument?
 - What evidence have they provided?
 - Does it support the type of causal relationship the team is describing?
 - Do other teams' conclusions differ from those of your own team? Why might this be?
 - Did the other team offer evidence to support their conclusion that was different from the evidence your team presented?

Explore (40-90 min.)

1. Have each team present their explanation and supporting evidence (5-8 minutes for each presentation, depending on the number of teams.)
2. If presentations are redundant, you may ask students to only present information that is new or different from other teams.
3. It may be useful to use material that each class is presenting to construct a large whole-class concept map that shows the relationships in the virtual world. This approach makes it easy to fill in gaps in the

argument or point to redundancies.

Review, Extend, Apply (5-10 min.)

- If time allows or if needed, review the Take-Home Messages for each of the scientist roles in the Experience 12 - Presentation.