

Learning Experience 13

Final Assessments & Reflections

Do Now

Prepare for taking the final assessment.

Teacher Prep/Materials

- Laptop Cart (if doing online surveys)
- Experience 13 Presentation
- Final Assessment
- Post-Survey/Reflection

Summary

Students will be asked to take a final assessment to help teachers gain a better understanding of their individual learning during this team project. Students will also be asked to report back on their use of creativity, as well as suggestions for future iterations of the project.

Understanding and Performance Goals

- Communicate understandings about complex relationships.
- Reflect on all aspects of the project.

Expand (40 min.)

1. Give time Final Assessment.
2. When done, ask students to complete the Post-Survey Reflection.

Explore (10 min.)

If time allows, review different ideas for what the park managers could do.

What should Park managers do?

- The final “cause” behind changes in the number of visitors to Dover Island is not straightforward – there isn’t necessarily one right answer.
- Students may have very different explanations and may come to different conclusions.
- If their conclusion is supported well by evidence they have collected, then they have likely reached a valid conclusion.
- The Forest Module is different from the Pond Module in that the Islands that make up the park are a public resource that is managed for the use of many different stakeholders. All of these different stakeholders have different values, and may value some aspects of the ecosystem more than others. Exploration of Dover and Willis Islands likely teach the students much about the ecology of the forest, but studying the ecology still doesn’t tell the students what they should do about the issue.
- This is one of the reasons that environmental problems can be very tricky to solve – because we have to understand the science behind what is going on and we also have to consider differences in human values.

Time

50 minutes

Key Vocabulary

Reflection