

Exploring Ecology II

4/11 – 4/14

Purpose/Rationale:

This lesson continues to introduce students to the basics of ecology, and specifically includes ecological succession, the water cycle, and human impacts on the environment.

VA SOLS:

- BIO. 9. The student will investigate and understand dynamic equilibria within populations, communities, and ecosystems. Key concepts include:
- b) nutrient cycling and energy flow through ecosystems;
 - c) succession patterns in ecosystems; and
 - d) effects of natural events and human activities on ecosystems.

Materials and Resources:

Class Management and Safety Issues:

Students should use caution when moving around the classroom during the “Incredible Journey” activity. Students should also follow the Acceptable Use Policy for using school computers and Internet.

Procedures:

Engage (minutes)

1. Students will

Explore (minutes)

2. Students will

Explain (minutes)

3. Students will

Elaborate (minutes)

4. Students will

Evaluate (45 minutes)

5. Students will take an online assessment that covers the entire ecology unit (previous two weeks).

Monday – Owl Pellets/Color sheets

Tuesday – (Succession)

Wednesday – (Human Impacts)

Thursday – “Incredible Journeys” ProjectWILD activity

Friday – QUIZ

Notes?