**Ecological Succession Video**

Have you ever noticed new plants growing on a recently cleared field? Have you ever weeded your garden only to find that after a few weeks later new weeds have grown in again? Both of these examples are examples of ecological succession. Ecological succession is the gradual process of ecosystems growing and changing over time. Ecological is a word that describes natural events and relationships between living things, and succession means a sequence of small events that lead up to a climax. In essence, ecological succession is a series of events where life comes back. As you may have noticed, nothing remains constant in nature. The two main types of ecological succession are primary succession and secondary succession. In this virtual lesson, you will discover and explore the process of ecological succession and apply your new knowledge through a series of interactive ecological succession activities.

**What Is Ecological Succession? Video**

Use the link below to watch the “Ecological Succession” video by Bozeman Science. As you watch, answer the questions.

<http://tinyurl.com/z3czdl6>

1. What is succession? \_\_\_\_\_\_\_\_\_

2. What are the two parts of ecological succession?

3. What three abiotic factors make it possible for soil to gather and build on rock landscapes?

 1.

 2.

 3.

4. What is the name of the new island off Iceland that has begun succession since 1963?



5. List three things that can bring life to a barren island.

 1.

 2.

 3.

6. Is soil necessary for secondary succession?

7. What is secondary succession?

8. What is the difference between primary and secondary succession?

9. What are some examples of disturbances that lead to secondary succession?

10. What are the first organisms that inhabit a barren landscape called?

11. Why are lupine important to primary succession?

12. What are climax species?

13. If your area experienced a severe disturbance, what type of pioneer species do you think would emerge in your area?