

Ecological Succession Web Quest

Complete this web quest, using the information found in the provided websites to answer the questions. **USE COMPLETE SENTENCES!**

- 1. Go to the website <http://tinyurl.com/ecologicalsuccession>**
Read the paragraph titled "What is Ecological Succession?" to find a definition of ecological succession.
- 2. Go to the website <http://tinyurl.com/primarysuccession>**
Define "primary succession"
- 3. Go to the website <http://tinyurl.com/secondarysuccession>**
Define "secondary succession"
- 4. There is no site to visit answer the following question:** What is the major difference between primary and secondary succession? Re-read your answers for questions 2 and 3 in order to answer this question, paying close attention to the differences between the two types of succession.
- 5. Visit the link <http://tinyurl.com/forestregrows>**
Watch the video (you may need to watch it more than once). Describe what you are seeing in this changing forest. Make sure you include if you are observing primary or secondary succession and give supporting evidence for your answer.
- 6. Watch the video on the following link several times making sure to note the changes you see. <https://www.youtube.com/watch?v=R#R0eQOWmPE>**
In 1980, there was a major volcanic eruption of Mt. St. Helens in Washington State. The eruption killed 57 people, thousands of animals, and wiped out hundreds of miles of forests. Since then the forest has recovered. Watch the 30-year time-lapse video of Mt. St. Helens from space and describe what you see.
- 7. Visit the following site: <http://tinyurl.com/pioneerspecies>**
Define the term "pioneer species"
List several examples of pioneer flora (plants) and fauna (animals)

8. You don't need to visit a website to answer this question.

Imagine a scenario in which a climax community is impacted by a natural disaster. What type of natural disaster did you imagine? Would that disaster cause an ecosystem to undergo primary succession or secondary succession? EXPLAIN YOUR ANSWER.

9. Visit the following website: <http://tinyurl.com/fireecology2>

Give a brief description of the study of "fire ecology."

10. In the article you just read there is a segment that states that many ecosystems evolve with fire as a natural and necessary contributor to habitat vitality and renewal. EXPLAIN THAT STATEMENT IN YOUR OWN WORDS.

11. Creative Writing Assignment: View the image in the following link: <http://tinyurl.com/ecodisaster>

Tell the story of this land starting with what you think happened to wipe out plant and animal life and finishing with what will happen to this stretch of land in the coming years. Use the terms you've learned in the prior parts of this activity to answer the question. **Your response should be at least one well-written paragraph.**