

## Ecological Succession Web Quest Notes

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

1. What are the levels of biological organization in order? Define community.
2. Go to the website <http://tinyurl.com/ecologicalsuccession>.  
Read the paragraph titled **"What is Ecological Succession?"** to find a definition of ecological succession.
3. What are the **types** of ecological succession?
4. Go to the website <http://tinyurl.com/primarysuccession>.  
Define **"primary succession"** and list examples of places that primary succession would occur.
5. Go to the website <http://tinyurl.com/secondarysuccession>.  
Define **"secondary succession"**.
6. There is no site to visit answer the following question: **What is the major difference between primary and secondary succession?**
7. Why does secondary succession take much less time than primary succession?
8. Visit the link <http://tinyurl.com/forestregrows>

Watch the video "How fire can restore a forest timelapse" (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.

9. Watch the video on the following link several times making sure to note the changes you see.

<https://www.youtube.com/watch?v=1m3a4fd5ipw>

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, write down any notes, and describe what you see.

10. In your own words, describe what a pioneer is.

11. Visit the following site: <http://tinyurl.com/pioneerspecies>.

Define the term "pioneer species".

12. List 5 examples of pioneer flora (plants) and fauna (animals).

13. What is the difference between pioneer species and climax community?

14. Create a flow chart or draw the sequence of events of primary and secondary succession in the correct order.