Pop and Eco Study Guide Inv. 7

Your Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Or AC LAB teacher)

Quiz Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***This document needs to be signed in order to be eligible for test corrections if needed. I want to support your learning AND make sure you’re preparing the first time.***

Check off the bullet points as you complete them to prepare for your quiz. You should do a minimum of 3 before asking for a signature from a guardian or Ac Lab teacher.

* \_\_\_\_ Practice vocabulary words. **(VERY IMPORTANT!)**
* \_\_\_\_ Reread science articles - Your teacher has copies if you need them.
* \_\_\_\_ Make sure all your work from investigation 7 is complete.
* \_\_\_\_If you were absent, be sure you read through the lab activities, so you know what you missed!
* \_\_\_\_ **Ask your teacher questions** about any of the topics that have you puzzled. Advocate for your learning…. Seek understanding☺
* \_\_\_\_ Answer the following practice questions—

1) Describe the difference between an introduced species, invasive species and native species. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Describe how an invasive species may affect the abiotic part of an ecosystem.

3) Describe how an invasive species may affect a biotic part of an ecosystem.

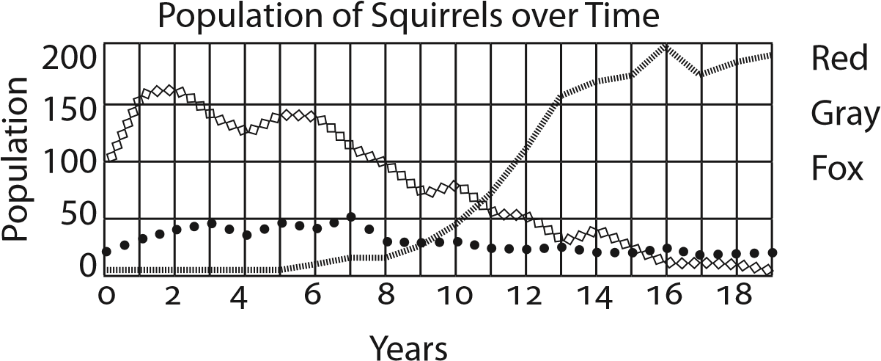




Two students looked at the data about how the red squirrel populations changed over time. Each made a claim about a cause-and-effect relationship.

**Student A:** An increase of the fox population caused the red squirrel population to decline.

**Student B:** An increase of the gray squirrel population caused the red squirrel population to decline.





Which student do you agree with most? \_\_\_\_\_\_\_\_\_\_\_\_ Describe the **evidence** that supports this claim.

What would happen to the fox population if the oak trees didn’t produce any acorns due to an especially dry growing season?

What other things **could** be a limiting factor for the grey squirrel? Name as many as you can and tell me if they are abiotic or biotic.