

## **CLASS SET**

### **Who Wants To Live a Million Years**

This is a simulation game that teaches us about Natural Selection. Play the game, but also use it as a resource to learn about Natural Selection. Do all work in your notebook.

1. Go to my website and follow the link to *Who Wants to Live a Million Years*.
  - a. <http://mrwadnizak.weebly.com/8th-grade-integrated-science>
2. Please make sure the sound is off on your computer. Click on *MORE ABOUT DARWIN* on the bottom left of the screen. Read about Darwin's life.
3. Click on the GLOSSARY. Write the definitions for species and variation.
4. Click on the NATURAL SELECTION tab.
5. In your notebook, write a sentence or two describing each part of Natural Selection.
6. Play the SURVIVAL GAME. You should play a few times before moving on to #7.
  - a. Play it 1-2 times just to get a feel for the game.
  - b. On the third time, keep track of which variations you choose.
  - c. Keep track of the mutations you make.
  - d. Do this from here on out when you play the game.
7. Make a list of the pressures in the environment that the animals have to adapt to.
8. Read the information in the GLOSSARY.
9. Take the QUIZ.
10. Play the game some more. Keep track of the decisions you are making.
11. Answer the analysis questions in your notebook
  - a. What are some of the pressures in the environment?
  - b. Why did you choose the mutations that you did?
  - c. How would mutations work in nature?
  - d. What do you think happens if something in the environment changes too quickly?