



Science Virtual Learning

LEP Science

Evolution Virtual Lab Activity Part 2

April 28, 2020



LEP Science
Lesson: April 28, 2020

Objective/Learning Target: I can explain how Natural Selection and Evolution have occurred in Lizard populations found in the same ecosystem.



Let's get started

In today's lesson, you will be applying what you have learned about evolution by performing a virtual experiment with real data collection and analysis.

This virtual lab has 4 parts (modules), you will only be doing Module 4 today.

Be sure to read all directions and record answers in the student worksheet (or on a sheet of paper).



Lesson Activity

[Student worksheet](#) Open this up and read the questions for Module 4, these are the questions you need to answer today.

[Lizard evolution interactive](#) When you open this interactive up, you will need to “Launch” the activity. Read the introduction page before going into the Modules.

Go only in to Module 4: Dewlap colors. Follow the directions to perform the activity and answer the questions on your student worksheet. When done, watch the summary video at the end.



Answers to Student Worksheet

1. Dewlap colors vary by environment and visibility within each environment
2. *A. cristallus* is brighter than *A. cooki*
3. Significance can be determined by looking at reproductive success for each species within each environment.
4. Dewlap would evolve to be more brighter in color due to the limited light visibility and the ability to be successful reproductively.



Additional work.

If you are looking for more to do with this, complete modules 2 and 3 or visit this [interactive video](#) on the Rock Pocket Mice.