

Agenda for Tuesday, January 12th 2015

Agenda	Homework
1. Animal Adaptations 2. Evolution	- IBI Lesson 9 Reflection (and corrections) due in Schoology by Wednesday, 1/13 at 8am.

Which NGSS practices, DCIs, and CCs are we meeting?

Science and Engineering Practices

- Obtain, evaluate, and communicate information.

Crosscutting Concepts

- Cause and Effect
- Stability and Change

Disciplinary Core Ideas

- LS4.C: Adaptations occur by natural selection acting over generations. Traits that support successful survival and reproduction in the new environment become more common.

Why are we doing this?

A component of evolution is understanding adaptations. As we are working with *Daphnia*, which is an animal, we will look at animal adaptations. However, it is important to know all life is adapted for its environment, not just animals.

Today's Procedure

Part 1: Animal Adaptations

1. Download IBI Handout 31 from 7bscience.com.
2. Complete the definitions and examples as provided by Mr. Ower.
3. Read the instructions on IBI Handout 31 before answering the questions. Use the links on 7bscience.com to find the answers to each of the questions.

Part 2: More About Evolution

1. Download the optional handout today (called Classification and Genetics).
2. Read the instructions and complete the activity.