

Animal Behavior Inquiry Lab

Go to The Lab Bench at:

http://www.phschool.com/science/biology_place/labbench/index.html

- Click on Lab 11: Animal Behavior Review all of these parts of this laboratory:
 - Concept 2: Observing Behaviors: Pillbug Behavior
 - Concept 3: Scientific Sketching
 - Concept 4: Response to the Environment
 - Analysis of Results
 - Design of the Experiment
 - The Controls
 - Sample Size, Results, and Replication
 - Other Considerations
 - Lab Quiz

Watch the Bozeman Biology video on Animal Behavior at:

Next steps:

1. Develop a research question about isopod (pillbug) behavior that you would like to answer by designing and conducting an experiment.
2. Prepare a null hypothesis that you will use to test your research question.
3. Begin thinking about how you would set up and perform an experiment to test your research question
 - a. Materials
 - b. Procedures
 - c. Variables and control
 - d. Data collection

Have your question, hypothesis and experiment ideas ready for day 2 – 8/25/15