

BUTTERFLY SORT LAB

LEARNING OBJECTIVES

The objective of this exercise is for students to develop a classification scheme based on observable traits.

Students will describe how physical traits can be used to infer relatedness.

ESSENTIAL QUESTION

How can observable physical traits be used to classify organisms and infer relatedness?

PROCEDURES

1. View one complete set of butterfly photos for each group from the Butterfly Images.
2. Then you will create a classification scheme for classifying the butterflies based on observable traits.
3. Illustrate their classification scheme on printer paper.
4. Develop a key for selected traits
5. Use multiple observable traits to create a variety of categories.
6. Answer the essential question. Use your class notes to cite textual evidence.

