Butterfly Adventures
Passport Distance Learning Program

Background: Butterflies are amazing animals. Like other insects they have three body parts, six legs, two antennae and compound eyes, but they also have unusual characteristics such as scales. In this interactive program we explore the distinctive characteristics of moths and butterflies from their brilliant colors to a built-in raincoat and the science behind it.

Focus Question: What is one of the most important physical characteristics of butterflies and moths?

Student Objectives:
• Review and explore the parts of a butterfly
• Participate in several experiments to learn how the scales function on the wings of butterflies and moths
• Will be able to explain complete metamorphosis
• Participate in a question and answer segment

Materials:
Two pieces of typing paper
One piece of colored chalk

Vocabulary Words:
Lepidoptera
Complete Metamorphosis
Scales
Proboscis

Teacher Preparation:
Ready two pieces of paper. Color one side of typing paper with chalk and leave the other sheet of paper blank. Fold both pieces of typing paper in half making sure that the chalk colored paper is on the outside of the folded sheet.

Procedure:
Have the two pieces of paper ready. Do not present to students until instructed to during the program.
Connect with Milwaukee Public Museum to start your adventure.

Assessment:
Name an important physical characteristic for butterflies and moths and explain its role.