Science in a Bag- Teacher Page 

The Life Cycle of a Butterfly

Third Grade

Standards

GLE 0307.4.1 Identify the different life stages through which plants and animals pass.

Checks for Understanding 0307.4.1 Sequence diagrams that illustrate various stages in the development of an organism.

Checks for Understanding 0307.4.3 Differentiate among the stages in the life cycle of a butterfly, mealworm, frog, and plant.

SPI 0307.4.1 Select an illustration that shows how an organism changes as it develops.

Task Objectives

Students will be able to identify and sequence the life stages of a butterfly.

Explanation

This activity will allow students to explore the life cycle of a butterfly by identifying models of the four stages and ordering them. Students will be able to discuss what happens during each stage as well as the significance of each stage. A page will also be recording in a learning log describing details of what was learned along with illustrations.

Common Misconceptions

Some common misconceptions that students have are that all living things share the same requirements for life. Students should understand that living things eat, breathe, and ultimately survive in many different ways.

Real World Connection

Participating in this activity will help students connect what was learned about the basic life cycle of a butterfly to real-world situations, such as how we as humans survive. Students should be promoted to investigate reoccurring themes and patterns in the living world around them.

Connections Across the Curriculum

Math 0303.1.4 Analyze problems by identifying relationships, distinguishing relevant from irreverent information, and observing patterns.

\*Students are able to compare butterflies to that of other living things.

\*Students can observe patterns in the life cycles of different animals.

\*Students can use butterfly models to draw lines of symmetry.

References

<http://www.kidsbutterfly.org/life-cycle>

<http://www.enchantedlearning.com/subjects/butterfly/lifecycle/>

<http://www.thebutterflysite.com/life-cycle.shtml>