

Butterfly Journal -

Objective: TEK 2.7A – Observe, measure, record, analyze, predict and illustrate changes in size, mass, temperature, color, position, quantity, sound and movement.

Duration: Length of the butterfly life cycle.

Materials:

Balance Scale
Centimeter Ruler
Cotton Balls
Butterfly Journal
Butterfly Larvae/ Caterpillars

Vocabulary:

egg	antennae
larvae	insect
pupa	proboscis
adult	centimeter
metamorphosis	mass
length	

Activities:

Create a 20 page journal using notebook and construction paper.

Allow students to decorate and label cover.

Record and illustrate observations and analysis for the duration of the life cycle.

*Students will observe larvae and make predictions.

1. What is this?
2. Will it always look like this?
3. How do you think it will change?
4. What are the properties (characteristics)? Illustrate and label what you see.

*Students will measure larvae's length using a centimeter ruler and its mass using non-standard units such as cotton balls or grains of rice. Record and illustrate data in journal.

*Create a graph to record length and mass three times weekly.

*Create a timeline using sentence strips, adding machine tape, or index cards to record growth and changes over the duration of life cycle.

*Update journal, graph, and timeline three times weekly. Include predictions and illustrations.

Assessment:

*Each student will write and illustrate in his/her journal a summary the life cycle of the butterfly after metamorphosis is complete.

*Complete journal.

Websites:

Free caterpillars: <http://www.science.tamu.edu/usda/cornearworm/>
Butterfly Activities: <http://www.earthsbirthday.org/bflys/activitykit/>
Enchanted Learning: www.enchantedlearning.com

Other Suggested Reading:

The Butterfly by Anna Milbourne and Cathy Shimmen
ISBN No. 0-439-83403-1
Butterflies, A First Discovery Book by Gallimard Jeunesse,
ISBN No. 0-439-69201-6
Butterflies by Karen Shapiro
ISBN No. 0-439-20636-7
Millions of Monarchs by Connie and Peter Roop
ISBN No. 0-439-43965-5
Time for Kids, Butterflies
ISBN No. 13:978-0-06-078213-9
Butterfly Mariposa by Susan Canizares
ISBN No. 0-439-56240-6