

Edible Stages of a Butterfly Lesson Plan Kindergarten

Teacher

Date

School

SLE # LS.3.K.2: Illustrate complete

metamorphosis (e.g., butterfly, frog), NS.1.K.3: Conduct scientific investigations as a class and in teams: lab activities, field studies

Objectives:

Content: I will be able to illustrate incomplete and complete metamorphosis.

I will be able to compare and contrast complete metamorphosis and incomplete metamorphosis.

Language: I will be able to use the terms complete metamorphosis, incomplete metamorphosis, and cycle while working with my group.

Assessment: The teacher will be able to assess students based on their completed stages of the butterfly life cycle and on their writing/drawing.

Technology/Materials: paper plates, Mike and Ikes or Skittle, Twizzler Pull and Peel, Orange Slices, Sour Strips or Fruit Roll Ups, napkins, pencil, crayons

Vocabulary: complete metamorphosis, incomplete metamorphosis, cycle

Bloom's: Remembering Understanding Applying Analyzing Evaluation Creating

Questions: Describe the life cycle of a butterfly. What are the stages of the life cycle in order? Describe what the butterfly looks like in each stage. If you were going to make a model of the life cycle, what would you use? What is the difference between complete and incomplete metamorphosis?

High Yield Strategies: Identifying similarities & Differences Summarizing & Note Taking Cooperative Learning

Reinforcing Effort & Providing Recognition Setting Objectives & Providing Feedback Generating & Testing Hypotheses

Cues, Questions & Advanced Organizers Homework & Practice Nonlinguistic Representations

Instructional Strategies:

Engagement: Activate prior knowledge by asking questions above. Show some pictures of the life cycle of a butterfly. Ask the students to place the pictures in order. Pass out the paper plates to the students and have them divide the plate into 4 quarters.

Exploration: Instruct the students to label each part of the plate with a different stage of the butterfly life cycle. Pass out the materials needed for the activity. Allow the students to look at the materials and determine what they would use for each stage. (TIP: You could skip this part and walk them through creating the model.)

Egg- Mike and Ike or Skittle

Larva- Twizzler

Chrysalis (pupa)- Orange Slice

Adult- Sour Strips or Fruit Roll Up (You will need to model how to fold it up to look like butterfly.

Best way to do this is to pinch the ends and then push together and fan out the sides like wings.)

Explanation: Walk the students through the different stages beginning with the egg. Explain the amount of time spent at the stages as you continue on. See attached printout for some information.

Elaboration: Students can draw the different stages of the life cycle next to the candy.

Intervention Strategies: See ELL Levels in curriculum map.

Accommodations & Modifications (IEPs) Group work, shortened assignment

Evaluation: Allow students to share their models with other students.

Closure: Have the students write or draw about their models and the stages of a life cycle.

Homework: None