

BUTTERFLY LIFE CYCLE

Ms. Samantha Green
2nd Grade

Time Frame: 45 min-1 hour

Standards:

SC Science 2-2.5: Illustrate the various life cycles of animals (including birth and the stages of development).

SC Visual Arts 2-1.3: Use and combine a variety of materials, techniques, and processes to create works of visual art.

Objectives:

TSWBAT apply their understanding of the butterfly's life cycle to creatively display their knowledge.

Materials:

The Very Hungry Caterpillar by Eric Carle for each student

White paper plates

Green and white construction paper

Lentil seeds

Colored pipe cleaners

Small twigs

Colored tissue paper

Scissors

Glue

Black marker

White board

Dry erase markers

Procedure:

1. The teacher will gather the students on the carpet in the group learning area.
2. The teacher will call the students to the carpet by table numbers.
3. Once all the students are on the carpet, the teacher will pass out to each student a copy of *The Very Hungry Caterpillar* by Eric Carle.
4. The teacher will tell the students to take a book walk through the book observing the pictures.
5. The teacher will tell the students to infer using their schema what is going to happen in the book.
6. The teacher will tell the students to close their book and look at the teacher.
7. The teacher will then tell the students to pair with a partner and share their ideas. This will approximately last 60 seconds.
8. Next the teacher will read the book to the students as they follow along in their own book.
9. The teacher will stop and talk about certain part of the cycles of the butterflies throughout the book.
10. After the teacher has finished reading the book, the teacher will pass out a graphic organizer for the students to fill out using their book. The students will go back to their tables and talk quietly among the students at their table to complete the graphic organizer together.
11. The teacher will demonstrate the first box on the organizer and the students will complete the other three boxes of the life cycle.
12. After the students have complete the graphic organizer, the teacher will tell the students that they will be creating a butterfly life cycle on a paper plate.
13. The teacher will model the craft:
 - a. Show an example of the paper plate model of the butterfly's life cycle.
 - b. Divide a paper plate in half by drawing a black line with a marker. Then divide the plate into quarters. Discuss halves and equal parts with students.
 - c. Draw a large circle divided into quarters on the chalkboard. Starting in the upper left quadrant and continuing in a

clockwise manner, label the quadrants “**egg**,” “**larva**,” “**pupa**,” and “**adult butterfly**.”

- d. Students label their paper plates accordingly.
- e. In the section labeled “**egg**” students cut and glue a green construction paper leaf and put a dried lentil on a spot of glue on the leaf.
- f. For the section labeled “**larva**” students twist two different colored pipe cleaners together and glue the resulting caterpillar to the plate.
- g. For the “**pupa**,” students cut a triangle from white construction paper, roll it, and glue it, alongside a twig, to the plate.
- h. For the “**adult butterfly**” stage, students accordion fold a square of tissue paper, hold it together in the middle with a piece of pipe cleaner, and glue it to the plate.

Assessment:

Objective: TSWBAT apply their understanding of the butterfly’s life cycle to creatively display their knowledge.

Assessment: The students will create the life cycle of the butterfly out of craft materials using the graphic organizer.

Accommodations:

- For students with Autism, the teacher will help the student one on one if they do not want to work with other students at his table.
- For ESOL students, I will provide written directions to these students with mini pictures to describe what the students are suppose to do for each step.
- For slow learners, I will provide written directions and read the directions to them one on one.

Name: _____

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Directions: Use your book to complete the graphic organizer of the butterfly's life cycle.

<p><u>EGG</u></p>	<p><u>LARVA</u></p>
<p><u>PUPA</u></p>	<p><u>ADULT BUTTERFLY</u></p>

