**Grade 1**

**Lesson: Exploring the Life Cycle of Butterflies – Part 1**

<table>
<thead>
<tr>
<th>Science Standard(s): Standard 4.2</th>
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<td>Content Objective(s):</td>
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<tr>
<td>Students will say the 4 parts of the life cycle of a butterfly during whole group instruction.</td>
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</tbody>
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**Essential Questions:**

How do living things meet their needs in my neighborhood?

**Materials:**

- Video of the life cycle of a butterfly
- Colored pictures of the life cycle of a butterfly

**Instructional Time: 20 minutes**

**Opening:** (5 minutes)

- Show a video about the life cycle of the butterfly.

**T:** “We just watched a video about the life cycle of a butterfly.

**Introduction to New Material (Direct Instruction):** (15 minutes)

**T:** “There are 4 parts to the life cycle of a butterfly. I am going to put up a picture of each part. The first is an egg. **Is the egg big or small?** (act out the words big and small). **Tell your neighbor if the butterfly egg is big or small.**

**S:** **will turn to their neighbor and say “small”**

**T:** “**Is the butterfly egg round or square?** (act out the shapes with your hands). **Tell your neighbor if the butterfly egg is round or square.”**

**S:** **will turn to their neighbor and say “round”**

**T:** “**Good, the butterfly egg is small and round. Part 2 of the life cycle of a butterfly is a caterpillar. What color is this caterpillar? Is it red or green?** (point out the two colors around the room as you ask the question) **Put your hands on your head if you think the caterpillar is green.”**

**S:** **will put their hands on their head.**

**T:** “**You are right, the caterpillar is green. Say it with me, ‘the caterpillar is green.’”**

**S:** **will say with the teacher, “the caterpillar is green.”**

**T:** “**Good, part 1 of the life cycle of the butterfly is the egg. Say it with me, ‘egg’.**

**S:** **will say with the teacher, “egg”**

**T:** “**Part 2 of the life cycle of the butterfly is the caterpillar. Say it with me, ‘caterpillar’.”**

**S:** **will say with the teacher, “caterpillar”**

**T:** “**Awesome! Part 3 of the life cycle of the butterfly is the chrysalis or cocoon. What color is the chrysalis? Tell your neighbor.”**

**S:** **will tell their neighbor the color of the chrysalis.**

**T:** “**Let’s review the life cycle of the butterfly. Part 1 is the _____? Raise your hand if you know. Everyone shout out when I get to 3. 1,2,3.**

**S:** **will shout out, “egg” as a whole group.**

**T:** “**Part 2 is the _____? Raise your hand if you know. Every one shout out when I get to 3. 1,2,3.**

**S:** **will shout out, “caterpillar” as a whole group.**

**T:** “**Part 1 is the egg, part 2 is the caterpillar and part 3 is the _______? When I get to 3 shout it out with me. 1,2,3**
S: will shout out “chrysalis” as whole group.

T: “The fourth and final part of the life cycle of the butterfly is the BUTTERFLY!! Say it with me, ‘butterfly’.

S: will say with the teacher, “butterfly”

T: “Awesome! Tell your neighbor what the last part of the life cycle of the butterfly is. You will say butterfly!”

S: will turn to their neighbor and say “butterfly”

T: “BUTTERFLY, butterfly, butterfly. What colors do you see on the butterfly? Raise your hand and I will call on you.”

S: will raise their hand and say the colors of the butterfly.

T: “Let’s review one more time. 1st, ________?”

S: will respond, “egg”

T: “2nd, ________?”

S: will respond, “caterpillar”

T: “3rd, ________?”

S: will respond, “chrysalis”

T: “4th, ________?”

S: will respond, “butterfly.”

T: “You are right, it goes, egg, caterpillar, chrysalis then butterfly!”

Closing: (1 minutes)

T: “Good job today. You learned about the life cycle of a butterfly. Next time we are going to do an activity with the lifecycle of the butterfly.”

Assessment:

Observe students during whole class instruction.

Extra Ideas:
Butterfly Life Cycle

Butterfly

Eggs

Chrysalis

Caterpillar