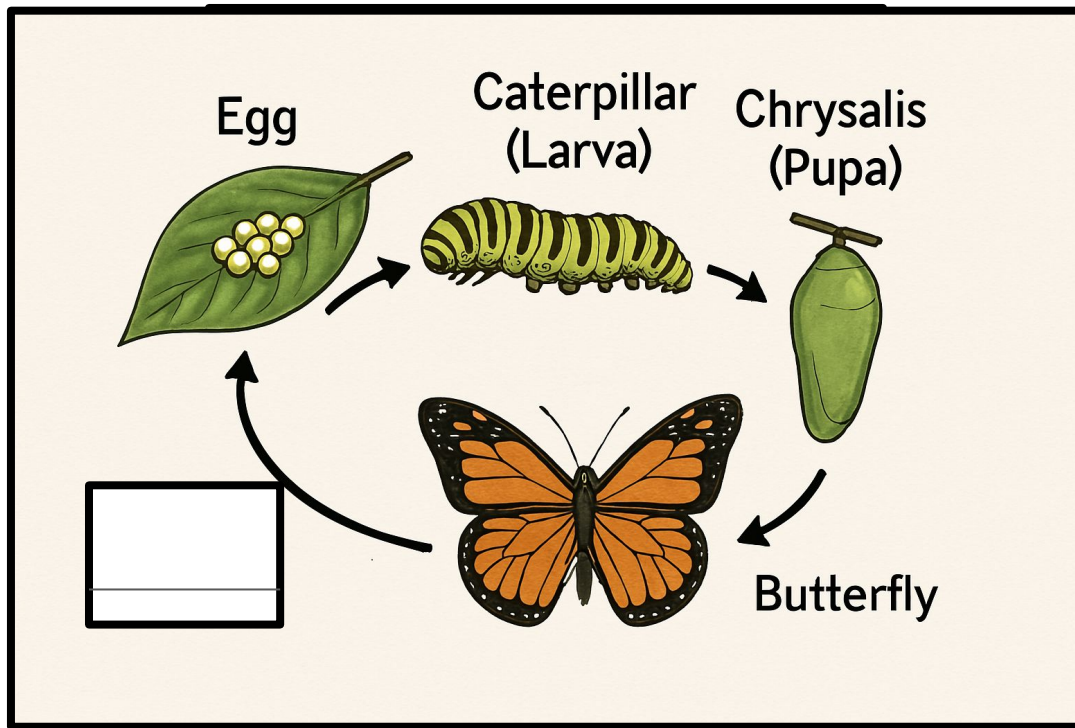


## Reading Comprehension Worksheet: Illustrations

Read the short story and answer each question.



### From Egg to Butterfly

All butterflies begin life in the same way—as a tiny **egg**. The egg is laid on a leaf by a mother butterfly. After a few days, the egg hatches.

Out comes a **caterpillar**, also called a larva. Its job is to eat and grow. It munches on leaves and gets bigger every day.

Next comes the **chrysalis** stage. The caterpillar makes a hard shell around itself. Inside the shell, big changes are happening. This stage is called a **pupa**.

Finally, a **butterfly** emerges from the chrysalis. Its wings are soft at first, but they soon dry and grow strong. Then it flies off—and may lay eggs of its own.

This process is called **metamorphosis**. It has four clear stages. The diagram helps show how one stage leads to the next.



Name: \_\_\_\_\_

## From Egg to Butterfly

1. What does the diagram help you understand?

- A. The colors of butterflies
- B. The order of the butterfly's life stages
- C. How flowers grow
- D. What the butterfly eats as an adult

2. Why is the chrysalis stage important?

- A. It's when the caterpillar turns into a butterfly
- B. It's when the butterfly lays its eggs
- C. It's when the caterpillar eats leaves
- D. It's when the eggs first hatch

3. Fill in the blank:

A butterfly starts its life as an \_\_\_\_\_, hatches into a caterpillar, and changes again inside a chrysalis.

4. How does the diagram help you remember the butterfly's life cycle?

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5. What other type of illustration would be helpful? How?

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# Instructional Guide

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**Guide Reading Level:** P

**Lexile Level:** 645L-795L

**Grade Level:** 4th Grade, Beginning of the Year

**Genre:** Informational Nonfiction – Life Science

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## Introducing the Text

“Today we’ll learn about the butterfly life cycle. We’ll read about the four stages and use a diagram to see how they connect. Diagrams help us understand science by showing things in order.”

**Vocabulary:** egg, larva, chrysalis, metamorphosis, pupa

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## Before Reading Discussion Questions

1. Have you ever seen a caterpillar turn into a butterfly?
  2. What do you think happens inside a chrysalis?
  3. How do pictures or diagrams help us in science?
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## During Reading Discussion Questions

1. What does each stage of the life cycle do?
  2. What is the job of the caterpillar?
  3. What happens inside the pupa?
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## After Reading Discussion Questions

1. How does the diagram help explain metamorphosis?
  2. Which stage would be hardest to remember without the picture?
  3. Why is seeing the order of steps important?
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## Activity Idea

Have students create their own version of the butterfly diagram using just four labels and arrows, following the word limit. Then they write a caption below explaining how the picture helps them understand the process of metamorphosis.

