

Butterfly Cycle Builder

Follow the stages of a butterfly's life.

S2L1.a "Ask questions to determine the sequence of the life cycle of common animals in your area: a mammal such as a cat, dog or classroom pet, a bird such as a chicken, an amphibian such as a frog, and an insect such as a butterfly."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Read the stages around the cycle. Write one process from the word bank in each numbered box to show what happens next. Ask your own question about which stage comes before or after another. Say it to a partner or write it on extra paper. Then use the pictured stages and arrows to find and explain your answer.

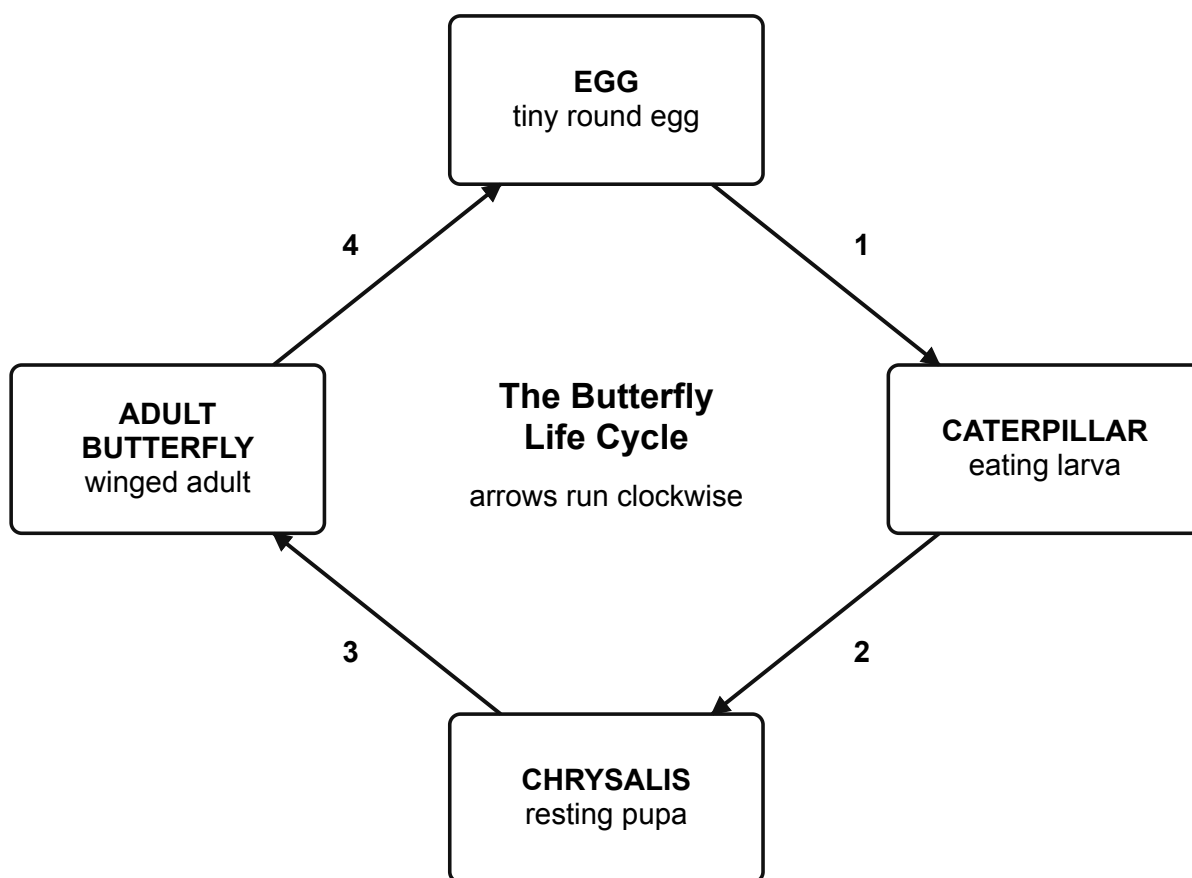
WORD BANK

emerges

forms chrysalis

hatches

lays eggs



Arrow numbers match the response boxes on the next student section.

Label the arrows

Use the word bank to write the process for each numbered arrow.

Arrow 1

Arrow 2

Arrow 3

Arrow 4

2 RUN THE MODEL _____ Use your finished diagram

1 Which stage comes right after the egg stage?

2 What process changes a caterpillar into a chrysalis?

3 What does an adult butterfly do to begin the cycle again?



CHECK IT

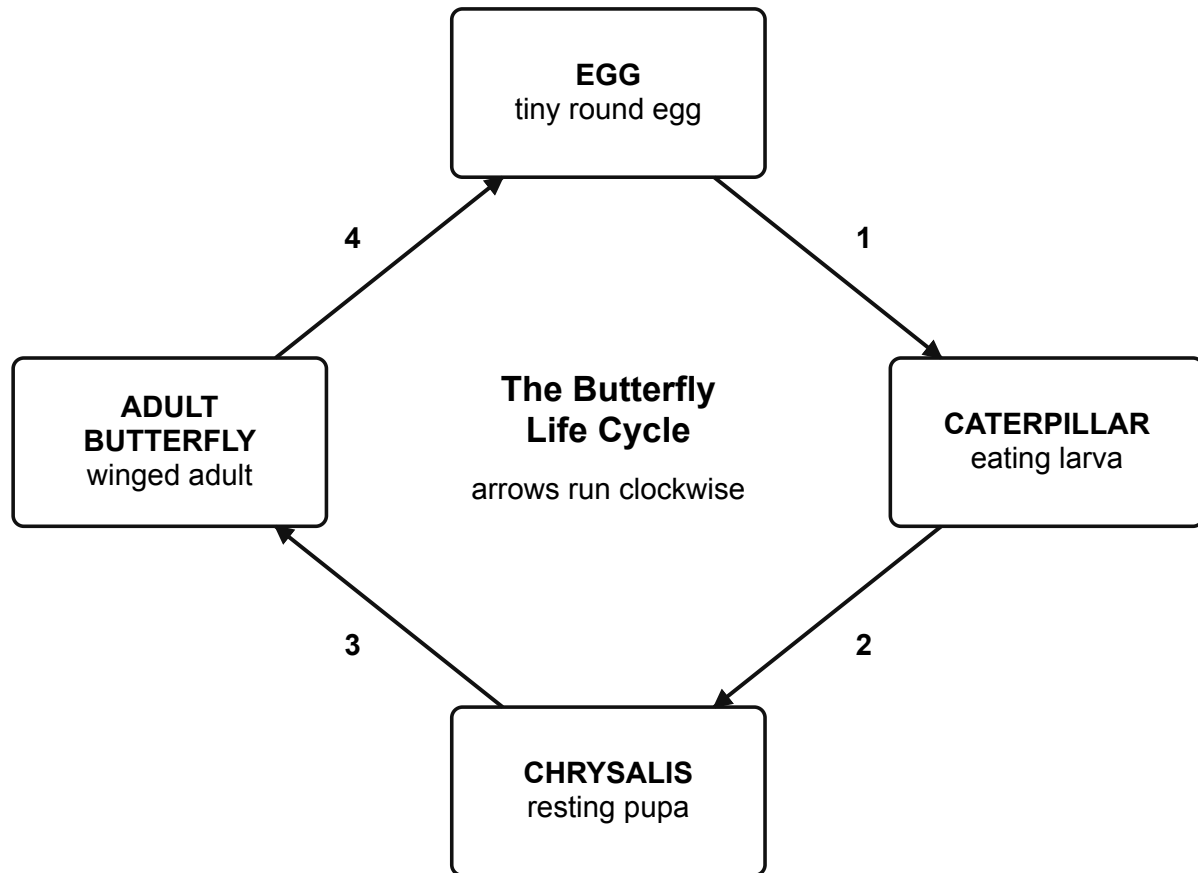
Before you turn it in

- ☐ I used each word-bank process once.
- ☐ I checked that my arrows go in order.
- ☐ I asked a sequence question and used an arrow to answer it.

TEST THE MODEL

What is one thing this model leaves out about a real butterfly's life? Also record your own before-or-after stage question, its answer and the arrow that supports your answer. You may speak while an adult writes.

PART 1 • COMPLETED MODEL

**Arrow 1**

hatches

Arrow 2

forms chrysalis

Arrow 3

emerges

Arrow 4

lays eggs

PART 2 • RUN THE MODEL

1. **CATERPILLAR** (Which stage comes right after the egg stage?)
2. **forms chrysalis** (What process changes a caterpillar into a chrysalis?)
3. **lays eggs** (What does an adult butterfly do to begin the cycle again?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out how long each stage lasts.
- It leaves out what butterflies eat and where they live.

Process order from EGG is: hatches, forms chrysalis, emerges, lays eggs. Accept equivalent wording such as "comes out" for emerges if the sequence is correct. Also check each learner original sequence question and model-grounded answer, not only answers to the supplied questions. Example: What comes before the chrysalis? The caterpillar; the arrow from caterpillar to chrysalis shows forms chrysalis. Accept other correct before/after questions with an identified supporting arrow. Read stage names aloud and scribe when needed; learner asks and answers. Butterfly is the supported animal example here, not a claim that every animal type has been studied.