

Butterfly Life Loop

Complete the repeating butterfly model.

2.1.D "use tools, including hand lenses, goggles, heat-resistant gloves, trays, cups, bowls, beakers, notebooks, stream tables, soil, sand, gravel, flowering plants, student thermometer, demonstration thermometer, rain gauge, flashlights, ramps..."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one process from the word bank in each numbered box. Match each process to the arrow that moves from one stage to the next.

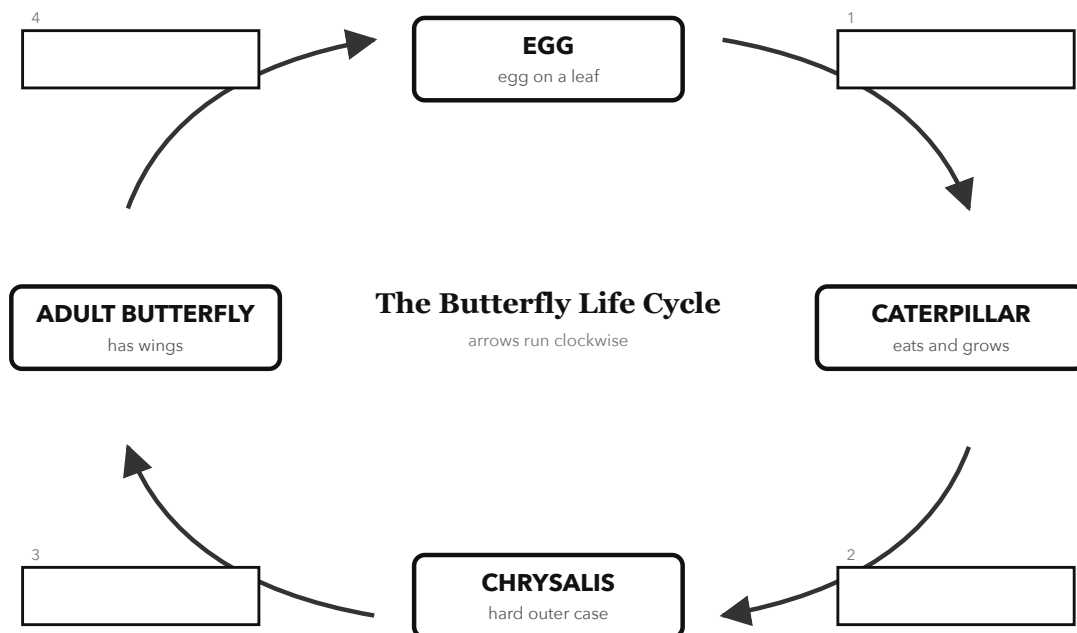
WORD BANK

changes into an adult

forms a chrysalis

hatches

lays eggs



2 RUN THE MODEL Use your finished diagram

1 What process takes an egg to a caterpillar?

2 Which stage comes after the chrysalis?

3 Which process starts the cycle again?

3 CHECK IT Before you turn it in

☐

I matched each process to an arrow.

☐

I read the stages in order.

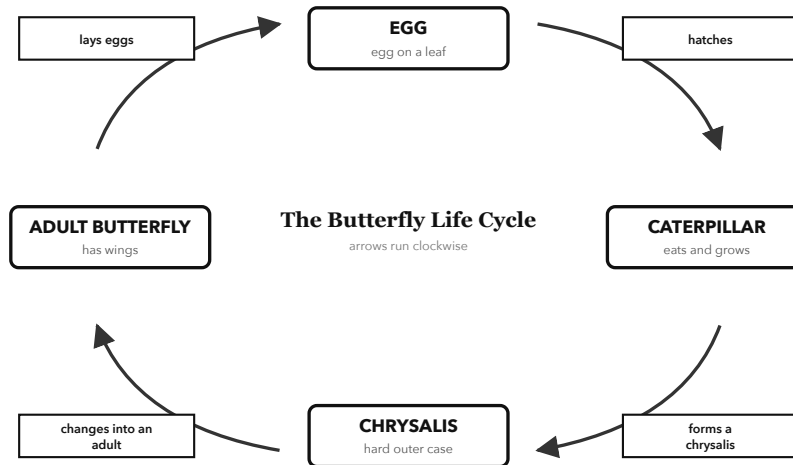
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I checked that the last arrow returns to the egg.

TEST THE MODEL

What is one detail about real butterflies that this model leaves out?

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **hatches** (What process takes an egg to a caterpillar?)
2. **adult butterfly** (Which stage comes after the chrysalis?)
3. **lays eggs** (Which process starts the cycle again?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out how long each stage takes.
- It leaves out predators and weather that can affect butterflies.

Stages go in this order: egg, caterpillar, chrysalis, adult butterfly. Arrow processes are hatches, forms a chrysalis, changes into an adult, and lays eggs.