

Life-Cycle Sequence

Classroom-ready printable pack · Grades K–8

Pack contents

Two identical card sets for butterfly, frog, and bean-plant life cycles. Two student sets are included.

Teacher directions

1. Choose one organism and give each partner its complete card set.
2. Behind a barrier, the Describer arranges the stages in a cycle or line.
3. The Describer explains the order and observable changes; the Builder sequences matching cards.
4. Compare, justify the sequence with evidence, then switch organisms or roles.

Before class

- Print at 100% on US Letter paper. Use cardstock or laminate for reuse.
- Cut on the thick solid borders. Keep Set A and Set B separate.
- Give challenge/model cards only to the Describer.
- Use a folder, book, or tabletop barrier so partners cannot see each other's work.

Accessibility and accommodations

Read labels aloud; begin with three stages; use the numbered answer key after the first attempt. Every stage has a distinct silhouette, word label, and pattern cue.

Storage-envelope labels

Life-Cycle Sequence

Set A — Describer

Count pieces before storing.

Life-Cycle Sequence

Set B — Builder

Count pieces before storing.

Life-Cycle Sequence

Challenge / model cards

Count pieces before storing.

Life-Cycle Sequence

Teacher reference

Count pieces before storing.

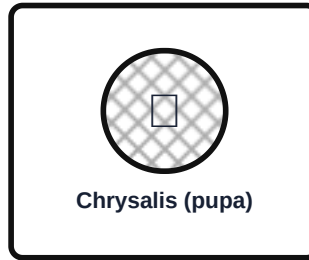
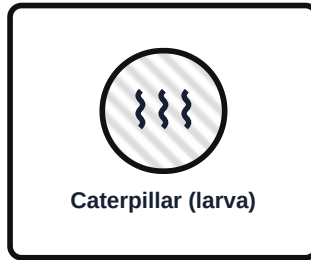
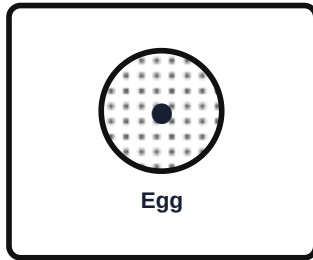
Student language supports

Position: above · below · beside · between · near · far · left · right · clockwise**Clarify:** “Please repeat...” · “Is ___ beside ___?” · “What should I place next?”**Compare:** same · different · rotate · move · replace · sequence

Butterfly life cycle

Set A

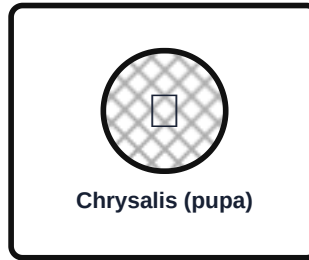
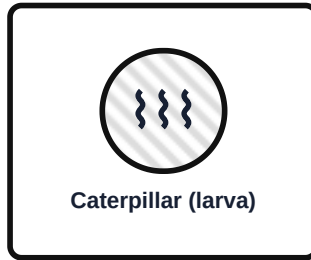
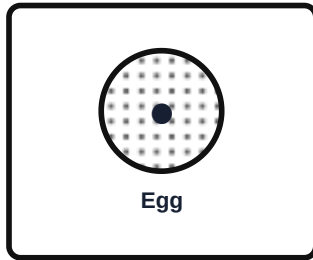
Cut on the solid borders. This set is identical to the partner set.



Butterfly life cycle

Set B

Cut on the solid borders. This set is identical to the partner set.



Frog life cycle

Set A

Cut on the solid borders. This set is identical to the partner set.



Eggs



Tadpole



Tadpole with legs



Froglet



Adult frog

Frog life cycle

Set B

Cut on the solid borders. This set is identical to the partner set.



Eggs



Tadpole



Tadpole with legs



Froglet



Adult frog

Bean plant life cycle

Set A

Cut on the solid borders. This set is identical to the partner set.



Seed



Germination



Seedling



Mature flowering plant



Pod with seeds

Bean plant life cycle

Set B

Cut on the solid borders. This set is identical to the partner set.



Seed



Germination



Seedling



Mature flowering plant



Pod with seeds

Life-Cycle Sequence reference

Answer key

Butterfly: 1 Egg → 2 Caterpillar (larva) → 3 Chrysalis (pupa) → 4 Adult butterfly → eggs.

Frog: 1 Eggs → 2 Tadpole → 3 Tadpole with legs → 4 Froglet → 5 Adult frog → eggs.

Bean plant: 1 Seed → 2 Germination → 3 Seedling → 4 Mature flowering plant → 5 Pod with seeds → seed.

Cycles repeat. “Larva” and “pupa” are the scientific terms; familiar terms appear in parentheses.

Quality check after a round

- Can each student identify pieces by shape or label without relying on color?
- Do both models match in pieces, order, orientation, and relative position?
- Which direction was most precise? Which should be revised?