



# Life Cycles Game

## ***Grade Level***

Grade 3

## ***Objectives***

This activity is designed to start your at-home students in recognizing themselves as scientists and in thinking critically about problem solving. The goal is to teach concepts through discovery and to encourage using scientific thought processes. Feel free to adapt the lesson provided to better suit your students' abilities. Take these ideas, make them your own, and your students will have a greater chance of success.

## ***Procedures***

1. Cut apart the organism pictures prior to beginning this activity.
2. Ask your at-home students to reflect and share what they have learned about life cycles of all organisms.
3. Remind them that all living things including both plants and animals, have a unique life cycle that is adapted to help each organism survive in its distinct environment and ecosystem.
4. Next, explain that they will be playing a game where they need to identify the life cycles of different organisms and sequence each life cycle in the correct order to earn points. This game can be played as a 1 player challenge to score as many points as possible, or it may be played with 2 or more players competing for the most points to win.
5. Scramble the organism pictures and place them face up on the table, ensuring each picture is visible.
6. Players should take turns choosing an organism, selecting all the pictures in its life cycle, and placing them in the correct order.
7. Points should be awarded to each player during their turn as follows:
  - a. 1 point – correctly identify organism and collect all matching photos
  - b. 1 point – place all organism life cycle photos in the correct order
8. Continue playing until all organism life cycles have been correctly identified, keeping track of each players points.
9. Bonus round – ask player(s) to create their own life cycle for an organism of their choice. This can be done either by searching for pictures to print and placing them in order, or by drawing their own life cycle diagram with their chosen organism.
  - a. Award an extra 5 points to each player that completes the bonus.

10. Complete the activity by tallying up all points and reviewing what was learned about different life cycles.

***Standards***

Ohio Academic Content Standards
Grade 3 Life Science Topic: Behavior, Growth and Changes Plants and animals have life cycles that are part of their adaptations for survival in their natural environments.

# Life Cycles – Organism Pictures











# Life Cycles – Answer Key



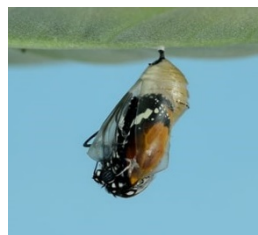
Plants – seeds, seedling, plant



Frog – eggs, tadpole, tadpole with legs, adult



Cheetah – cubs, juvenile, adult



Butterfly – eggs, caterpillar, chrysalis, butterfly



Robin – eggs, hatchlings, juvenile, adult