

Intermediate level: 4

Worksheet: 4

The Wonders of Life Cycles

Grade Level: Middle School

Objective: Explore and identify the unique stages in the life cycles of plants and animals.

Part 1: Multiple Choice Questions

Circle the correct answer for each question.

1. What is the first stage of a butterfly's life cycle?
 - a) Larva
 - b) Pupa
 - c) Egg
 - d) Caterpillar

 2. Which stage in a frog's life cycle comes immediately after the egg?
 - a) Adult
 - b) Tadpole
 - c) Froglet
 - d) None of the above

 3. What part of a plant produces seeds?
 - a) Stem
 - b) Leaf
 - c) Flower
 - d) Root
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Part 2: Fill in the Chart

Complete the chart with the missing stages of these organisms' life cycles:

Organism	Stage 1	Stage 2	Stage 3	Stage 4
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Butterfly	Egg	_____	_____	Adult
		-		
Frog	Egg	_____	Froglet	_____
		-		-
Plant (Flowering)	_____	Seedling	Mature Plant	_____
	-	g		-

Part 3: Matching

Match the descriptions to the correct life cycle stage. Write the letter in the blank space provided.

Description	Life Cycle Stage
A small, soft-bodied stage that eats a lot (Butterfly).	a) Tadpole
A young plant with its first few leaves.	b) Pupa
An organism hatches from an egg and breathes underwater.	c) Seedling
A non-moving stage where transformation occurs.	d) Caterpillar

Part 4: Sequence the Stages

The stages of a frog's life cycle are jumbled below. Write the correct sequence by numbering them 1 to 4.

- Adult Frog
 - Froglet
 - Egg
 - Tadpole
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Part 5: Fun Drawing Activity

Draw and color the life cycle of a plant. Include the following stages:

1. Seed

2. Seedling
 3. Mature Plant
 4. Flower/Fruit
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Part 6: Think and Write

1. Why do some animals have a metamorphosis stage, while others do not?
Answer:

 2. If one stage of an organism's life cycle was disrupted (e.g., no flowers on a plant), what might happen?
Answer:
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Bonus Challenge:

Write one interesting fact about each of these organisms' life cycles:

- Ants
- Starfish
- Humans