

Frog Life Loop

Track how a frog's habitat and food change.

4.3.c "changes in an organism's niche and habitat may occur at various stages in its life cycle; and"

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one process from the word bank in each numbered box. Follow the arrows from one stage to the next.

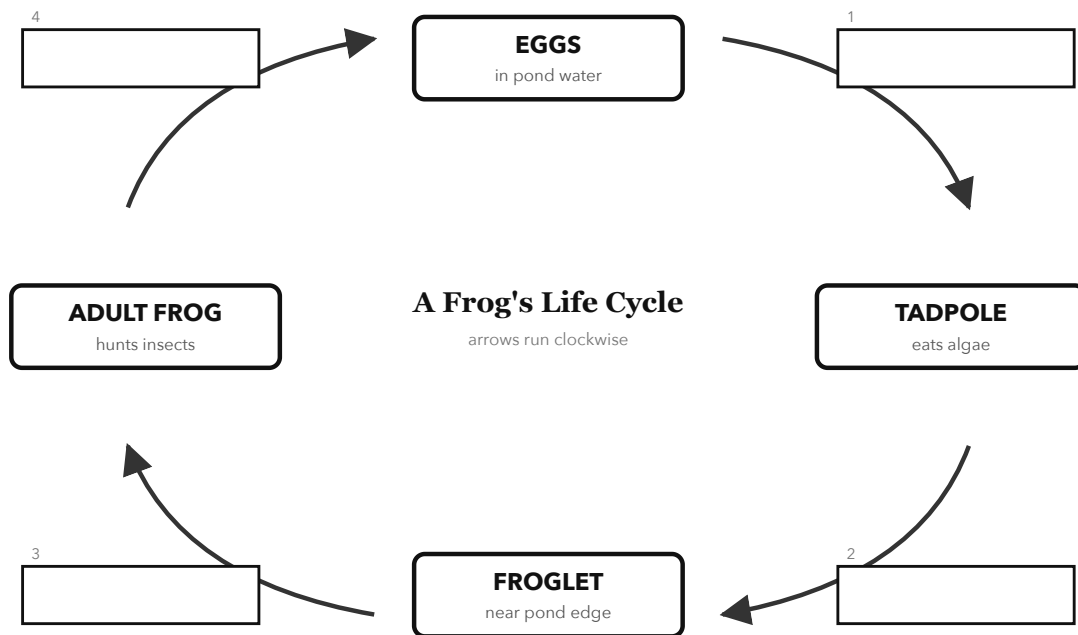
WORD BANK

egg laying

hatching

maturing

metamorphosis



2 RUN THE MODEL Use your finished diagram

1 Which stage eats algae?

2 What process changes a tadpole into a froglet?

3 How does the frog's food change from the tadpole stage to the adult frog stage?

3 CHECK IT Before you turn it in

☐ I matched each process to an arrow.

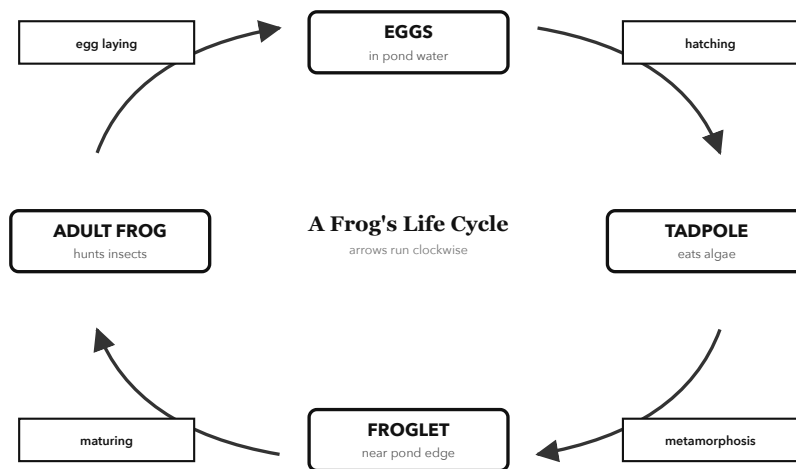
☐ I traced the cycle back to eggs.

☐ I noticed changes in food and habitat.

TEST THE MODEL

What is one part of a real frog life cycle or habitat that this model leaves out?

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **TADPOLE** (Which stage eats algae?)
2. **metamorphosis** (What process changes a tadpole into a froglet?)
3. **A tadpole eats algae, and an adult frog hunts insects.** (How does the frog's food change from the tadpole stage to the adult frog stage?)

TEST THE MODEL (SAMPLE ANSWERS)

- It leaves out predators that may eat frogs.
- It leaves out changes in the pond during different seasons.

The arrow processes are hatching, metamorphosis, maturing, and egg laying in cycle order. The model shows that frogs change both where they live and what they eat as they grow.