Chapter Review

Living things have similarities and differences.

Key Idea: Living things share characteristics.
- They are made of one or more cells.
- They grow and develop.
- They reproduce.
- They respond to light.

Vocabulary
- organisms p. 5
- cell p. 6

Key Idea: Living things share basic needs.
- Nutrients and energy
- Water
- Air
- Habitat

Key Idea: Living things are diverse.
Review Key Ideas and Vocabulary

When answering the questions, remember to use the chapter vocabulary.

1. Create two columns on a piece of paper. Compare a salmon and a tomato plant, based on the characteristics of living things.

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2. How is each of the following organisms meeting its needs?
   - Worms burrow into the ground.
   - Mudpuppies are solitary. They build walls around their territory to keep others away.
   - The Gila monster stores fat in its tail.
   - A Venus flytrap snaps shut when it senses an insect on its leaves.
   - A frog soaks up water through its skin.

3. What do scientists mean when they talk about the "diversity of life"?

Use What You’ve Learned

4. Volcanoes grow over time. Use what you have learned about the characteristics and needs of living things to explain whether or not volcanoes are living things.

Think Critically

5. Look at the photo below. Name an organism that could survive in this environment. How would the organism meet each of its needs?

6. When would it be important to understand the differences between living and non-living things?

Reflect on Your Learning

7. List at least five benefits of living on a planet that has such a diversity of organisms.

8. List three questions that you still have about living things. Glance through the rest of this unit. Do you think your questions will be answered in the topics that are covered? If not, where can you go to find the answers?