Unit 5
Vocabulary **Extend** Worksheet 2.5.2

1 **Read.** Which words make sense together? Circle all the correct letters for each item.

1. adapt

(a.) to a situation	(b.) your behavior	**c.** a scientist	(d.) to a location

2. lack of

a. light	**b.** oxygen	**c.** temperature	**d.** outer space

3. typical

a. location	**b.** Earth	**c.** organism	**d.** month

4. harsh

a. place	**b.** sound	**c.** distance	**d.** journey

5. remarkable

a. safety	**b.** story	**c.** experience	**d.** skill

2 **Read.** Unscramble the correct word in the list and write it on the line.

eselvl	**ratesivie**	**sitxe**	~~**laterote**~~	**raretuce**	**dalhen**

1. Camels can _____tolerate_____ extremely hot temperatures in the Sahara Desert.
2. The giant tubeworm is a _____ that lives near hydrothermal vents deep beneath the surface of the sea.
3. Despite the very high _____ of salt in the Dead Sea, some _____ of microbes live there.
4. Do you think that life might _____ on other planets in our solar system?
5. Extremophiles can _____ living in difficult conditions.

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3 **Read.** Then check **T** for *True* or **F** for *False*.

	T	F
1. Tardigrades can survive in different kinds of extreme environments.	☐	☐
2. A type of bacteria called *Strain 121* thrives under the Antarctic ice.	☐	☐
3. Mammals live in only one kind of environment.	☐	☐
4. Some deep-sea areas near mid-ocean ridges have high levels of poisonous chemicals.	☐	☐

4 **Read.** Write answers to the questions. Use the words in **bold** in your answers. Then share your answers with a partner.

1. What do scientists hope to learn about the possibility of **life** on other planets by studying different environments on Earth?

2. What kinds of **conditions** can extremophiles survive in?

3. Why do most animals need **oxygen** in order to live?

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