Water Wizard: The Thorny Devil

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. The thorny devil lives in the dry regions of Australia.
2. Water droplets form on the thorny devil's spikes because of dew.
3. The process that helps water move through the channels on the thorny devil's body is called capillary action.
4. The thorny devil uses its tongue to lick water from its body.
5. The thorny devil can even get water from damp sand by throwing it onto its back.

Word Bank: dew, dry, capillary, tongue, damp

Multiple Choice: Choose the correct answer from the choices for each question.

1. Why is capillary action important for the thorny devil?
   - A) It allows water to move through
   - B) It helps the lizard run faster
   - C) It protects the lizard from predators
   - D) It changes the color of its spikes

2. How often does it rain in the thorny devil's habitat?
   - A) Every day
   - B) Every week
   - C) Every month
   - D) Once a year

3. What does the thorny devil sometimes do to collect more water?
   - A) Digs a hole
   - B) Throws sand on its back
   - C) Climbs trees
   - D) Flies in the air

4. Where does dew form on the thorny devil?
   - A) On its feet
   - B) Inside its mouth
   - C) On the top of its spikes
   - D) Under its belly

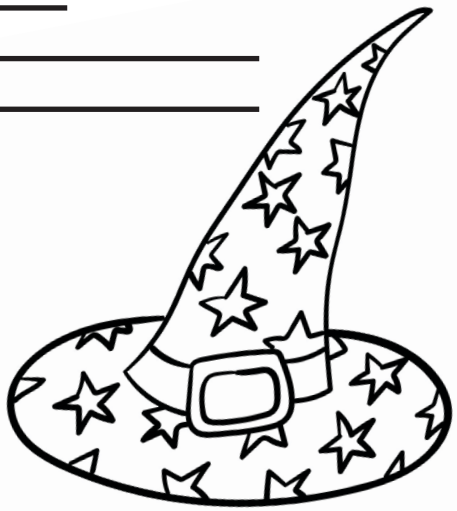
Discussion & Reflection: Answer the following questions in complete sentences

1. What is capillary action, and where else can you see it besides the thorny devil?

Capillary action is when water moves through small spaces because the water molecules stick to each other and to surfaces. You can see it when water rises a little inside a straw or when a paper towel absorbs water.

2. Why do you think the thorny devil's abilites are important for its survival in the desert, how did they form? Their abilites help it survive in very dry environments by making sure it can get enough water, even when it hardly ever rains.

3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice: