Structures for Survival

Grade 4 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

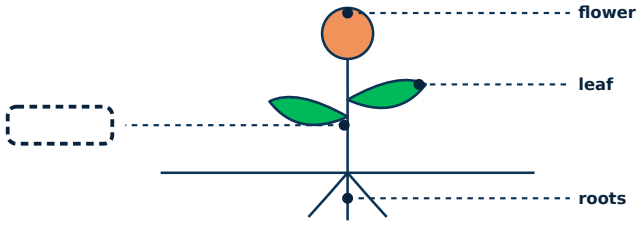
1. Cactus plants have thick stems and spines instead of wide leaves. How do both help in the desert?
   - the stem stores water and the spines lose less water than leaves
   - the stem traps insects and the spines store water
   - the stem makes seeds and the spines take in water
   - the stem holds roots and the spines make food

2. Some seeds have hooks that stick to fur. How does this structure help the plant reproduce?
   - animals carry the seeds to new places to grow
   - the hooks protect the seeds from cold
   - the hooks help the seeds take in water
   - the hooks help the seeds make food

3. Water lilies have large, flat leaves that float. How does this structure help?
   - the leaves sink to take in mud from the bottom
   - the leaves keep the roots dry under water
   - the leaves can catch sunlight on top of the water
   - the leaves trap tiny insects on the surface

4. Two kinds of fox: one lives in the Arctic with small ears, one lives in the desert with huge ears. Which explanation fits?
   - small ears help the Arctic fox hear far away
   - big ears give off heat in the desert; small ears keep heat in the cold
   - big ears keep the desert fox warm at night
   - ear size has no link to where they live

5. Look at the plant. Which part carries water from the roots up to the leaves?



stem leaf roots flower

Scan to get this marked free. No screen time for your child.
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Structures for Survival

Answer Key - Grade 4 Science Worksheet - Challenge Me

Circle the answer.

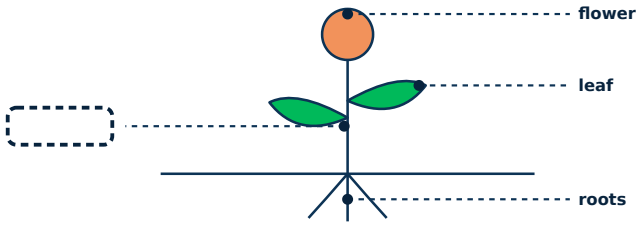
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