

**Alpha Level 4**

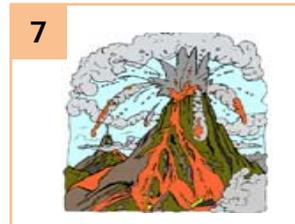
# How Do Plants Grow Here



Written by Anna Porter

**A** Write the word for each picture.

desert, crack, volcano, roots  
 cactus plants, frozen, melt, mangrove plants



**B** Write the correct word to complete the sentence.

absorb  
 thaw  
 clump  
 cling  
 stored

1. Some salt is \_\_\_\_\_ in the leaves of the mangrove plant.  
*keep something*

2. Roots help plants to \_\_\_\_\_ water after rain.  
*suck up or take up*

3. The roots of the plants grow in the \_\_\_\_\_ ed ground.  
*snow and ice melt*

4. Some plants \_\_\_\_\_ to and spread across the side of rocks and mountains.  
*hold close, hold tight*

5. The plants grow in low \_\_\_\_\_ s.  
*a group of similar things, "a bunch of trees"*

**C** Write the correct word to complete the sentence.

as                      like                      down                      to                      rid

1. The plant **gets** \_\_\_\_\_ **of** the salt by dropping leaves.
2. When the lava **cools** \_\_\_\_\_ it becomes hard and rocky.
3. Roots absorb **as** much water \_\_\_\_\_ **possible** after heavy rain.
4. Mangrove plants have roots that **are** \_\_\_\_\_ filters.
5. Some plants adopt in places where other plants would not **be able** \_\_\_\_\_ grow.

**D** Read the two words. Write them together as one word.

A compound word is made from two shorter words.

sea + shore = seashore

butter + fly = butterfly

rain + water = \_\_\_\_\_ .                      sea + shell = \_\_\_\_\_ .

sea + weed = \_\_\_\_\_ .                      rain + bow = \_\_\_\_\_ .

➤ Complete each sentence with a compound word.

1. A \_\_\_\_\_ hangs in the sky.



2. I picked up a \_\_\_\_\_ when I walked along the beach.



3. \_\_\_\_\_ grows in oceans.



4. The rounded noon flower stores \_\_\_\_\_ in its thick leaves.



**A Answer the following questions.**

1. The main purpose of the book is \_\_\_\_\_.
  - a) to explain how plants survive in different environments
  - b) to give information about parts of plants
  - c) to persuade why people should protect environments.
2. How do plants grow in rocky places? (p.g. 6~7)
  - a) Plants keep water in their leaves.
  - b) Plant roots stretch deep into cracks in the rock.
  - c) Plants hang on the rock.
3. How can some plants grow in salty water? (p.g. 10~13)
  - a) The plants grow in low clumps.
  - b) The plants keep water in their leaves.
  - c) The plants filter water with roots and leaves.
4. How does seaweed grow under water?
  - a) Seaweed gets food from saltwater.
  - b) Seaweed changes energy from sunlight into food.
  - c) Seaweed gets rid of the salt by dropping leaves.
5. Which is **NOT** correct about plants that live in desert get enough water? (p.g 14~17)
  - a) Some plants have long roots that grow deep into the ground.
  - a) Some plants have tiny hairs that are able to catch rainwater.
  - b) Some plants have thick stems that can collect and store water.

**B Read and circle "T" for true or "F" for false.**

1. All plants can not live in salty water. T / F
2. Plants can grow almost anywhere in the world. T / F
3. To protect from strong wind, some plants grown in low clumps. T / F
4. Plants can not survive in rocky places. T / F
5. Cactus plants have long roots that grow close to the surface. T / F

**C Write the summary** Main Idea and details.

Main Idea	Some plants have ways of surviving in places where most other plants would die.
Details	
Rocky places	Plant roots travel deep into _____ in the rock.
	The _____ keep out some of the salt in the sea water. Some plants store _____ in _____. _____ changes energy from sunlight into food to grow.
	Some plants use tiny hairs to trap rainwater. Cactus plants have long _____ to absorb _____. Cactus plants have thick stems to store water.
	Plants grow in low _____. Plants cling to and spread across the side of rocks and mountains.

**D Write and speak.** Choose and write words for each environment.

	<p>This place is</p> <p>_____</p> <p>_____</p>		<p>This place is</p> <p>_____</p> <p>_____</p>
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rocky    cracks    hard    salty    sandy    hot    dry    cold    frozen  
 little rain    strong wind    blows