



Earth's Systems: Water and Weather

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When a volcano erupts, lava from the geosphere releases gases into the _____.
2. Plants take in carbon dioxide from the atmosphere through the process of _____.
3. Rivers carry sediment from the geosphere into the _____.
4. Animals drinking from a stream connect the biosphere with the _____.
5. Most of Earth's water, about _____ percent, is salty ocean water.
6. Most of Earth's freshwater is locked up in glaciers and polar _____.
7. Wind blowing dust from a desert into the ocean links the geosphere, atmosphere, and _____.
8. A short-term atmospheric event like a thunderstorm is called _____.
9. When snow melts and trickles into soil, the hydrosphere connects with the _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Hurricane forming	→ _____	Atmosphere and hydrosphere
Tree roots cracking rock	→ _____	Biosphere and geosphere
Fish swimming in a lake	→ _____	Biosphere and hydrosphere
Wildfire smoke rising	→ _____	Biosphere and atmosphere

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When a volcano erupts, lava from the geosphere releases gases into the atmosphere .
2. Plants take in carbon dioxide from the atmosphere through the process of photosynthesis .
3. Rivers carry sediment from the geosphere into the hydrosphere .
4. Animals drinking from a stream connect the biosphere with the hydrosphere .
5. Most of Earth's water, about 97 percent, is salty ocean water.
6. Most of Earth's freshwater is locked up in glaciers and polar ice .
7. Wind blowing dust from a desert into the ocean links the geosphere, atmosphere, and hydrosphere .
8. A short-term atmospheric event like a thunderstorm is called weather .
9. When snow melts and trickles into soil, the hydrosphere connects with the geosphere .

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Hurricane forming	→ <u>Atmosphere and hydrosphere</u>	Atmosphere and hydrosphere
Tree roots cracking rock	→ <u>Biosphere and geosphere</u>	Biosphere and geosphere
Fish swimming in a lake	→ <u>Biosphere and hydrosphere</u>	Biosphere and hydrosphere
Wildfire smoke rising	→ <u>Biosphere and atmosphere</u>	Biosphere and atmosphere