



# 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. Mountains, soil, and minerals belong to the \_\_\_\_\_.
2. Oceans, glaciers, and rivers all belong to the \_\_\_\_\_.
3. Birds, bacteria, and trees together form the \_\_\_\_\_.
4. The mixture of gases above Earth's surface is the \_\_\_\_\_.
5. A hurricane forms when warm ocean water and moist air interact, linking the hydrosphere with the \_\_\_\_\_.
6. Tree roots breaking apart rock connect the biosphere with the \_\_\_\_\_.
7. Long-term temperature and rainfall patterns describe an area's \_\_\_\_\_.
8. Today's wind speed, temperature, and chance of rain describe the \_\_\_\_\_.
9. Water moving from rivers to oceans, then back to the air, is called the water \_\_\_\_\_.

## Part B: Matching

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

1. Match each item to its correct answer.

Geosphere	→ _____	Soil and granite mountain
Biosphere	→ _____	Forest of pine trees
Hydrosphere	→ _____	Frozen polar ice cap
Atmosphere	→ _____	Layer of breathable air

**Part A: Fill in the Blank**

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Write the missing word or number on each line.

1. Mountains, soil, and minerals belong to the geosphere .
2. Oceans, glaciers, and rivers all belong to the hydrosphere .
3. Birds, bacteria, and trees together form the biosphere .
4. The mixture of gases above Earth's surface is the atmosphere .
5. A hurricane forms when warm ocean water and moist air interact, linking the hydrosphere with the atmosphere .
6. Tree roots breaking apart rock connect the biosphere with the geosphere .
7. Long-term temperature and rainfall patterns describe an area's climate .
8. Today's wind speed, temperature, and chance of rain describe the weather .
9. Water moving from rivers to oceans, then back to the air, is called the water cycle .

**Part B: Matching**

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

1. Match each item to its correct answer.

Geosphere	→ <u>Soil and granite mountain</u>	Soil and granite mountain
Biosphere	→ <u>Forest of pine trees</u>	Forest of pine trees
Hydrosphere	→ <u>Frozen polar ice cap</u>	Frozen polar ice cap
Atmosphere	→ <u>Layer of breathable air</u>	Layer of breathable air