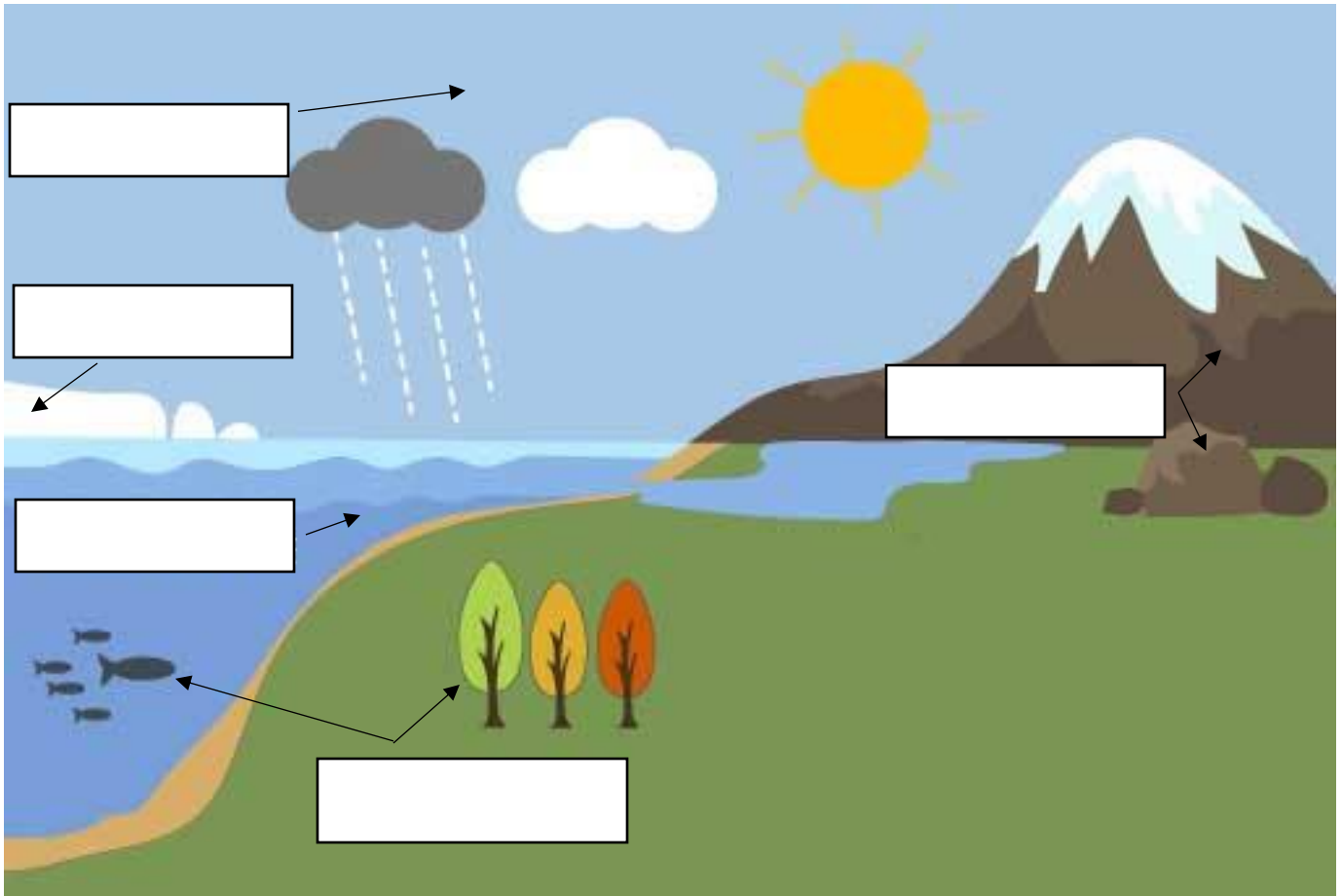


Name: _____

Earth's Systems Worksheet



Fill in each box above with the correct word from the following list:

Geosphere

Atmosphere

Biosphere

Cryosphere

Hydrosphere

Identify each statement as true or false.

1. The biosphere includes all water on Earth. True False
2. The geosphere includes solid & molten rock, soil, & sediments. True False
3. The atmosphere is a layer of gases in the air around the Earth. True False
4. The hydrosphere is the frozen part of Earth's systems. True False
5. Plants and animals are part of the cryosphere. True False

Name: _____

Fill in each box above with the correct word from the following list:

Hydrosphere	Deforestation	Atmosphere	Climate	Water cycle
Carbon cycle	Geosphere	Ocean	Weather	Biosphere

6. The _____ supports a variety of ecosystems and organisms, shapes landforms, and influences climate.
7. Winds and clouds in the atmosphere interact with the landforms to determine patterns of _____ (which is measured in the short term).
8. _____ is the continuous pattern of weather over a long period of time, usually 30 years.
9. The continuous movement of water through the Earth's systems is called the _____.
10. The continuous movement of carbon through the Earth's systems is called the _____.
11. _____ is the clearing of trees and plant life in an area—often for cattle farming and other agriculture.
12. Deforestation in the Amazon affects the _____ through increased flooding, ocean warming, more tropical cyclones, and more pollution.
13. Deforestation in the Amazon affects the _____ by eliminating food, water, and shelter for plant and animal life.
14. Deforestation in the Amazon affects the _____ and _____ by causing the air and soil to be warmer and drier.

Answers: On the picture: Top left: Atmosphere; Middle left: Cryosphere; Bottom left: Hydrosphere; Trees and fish: Biosphere; Mountains: Geosphere; 1: False; 2: True; 3: True; 4: False; 5: False; 6: Ocean; 7: Weather; 8: Climate; 9: Water cycle; 10: Carbon cycle; 11: Deforestation; 12: Hydrosphere; 13: Biosphere; 14: Atmosphere & geosphere