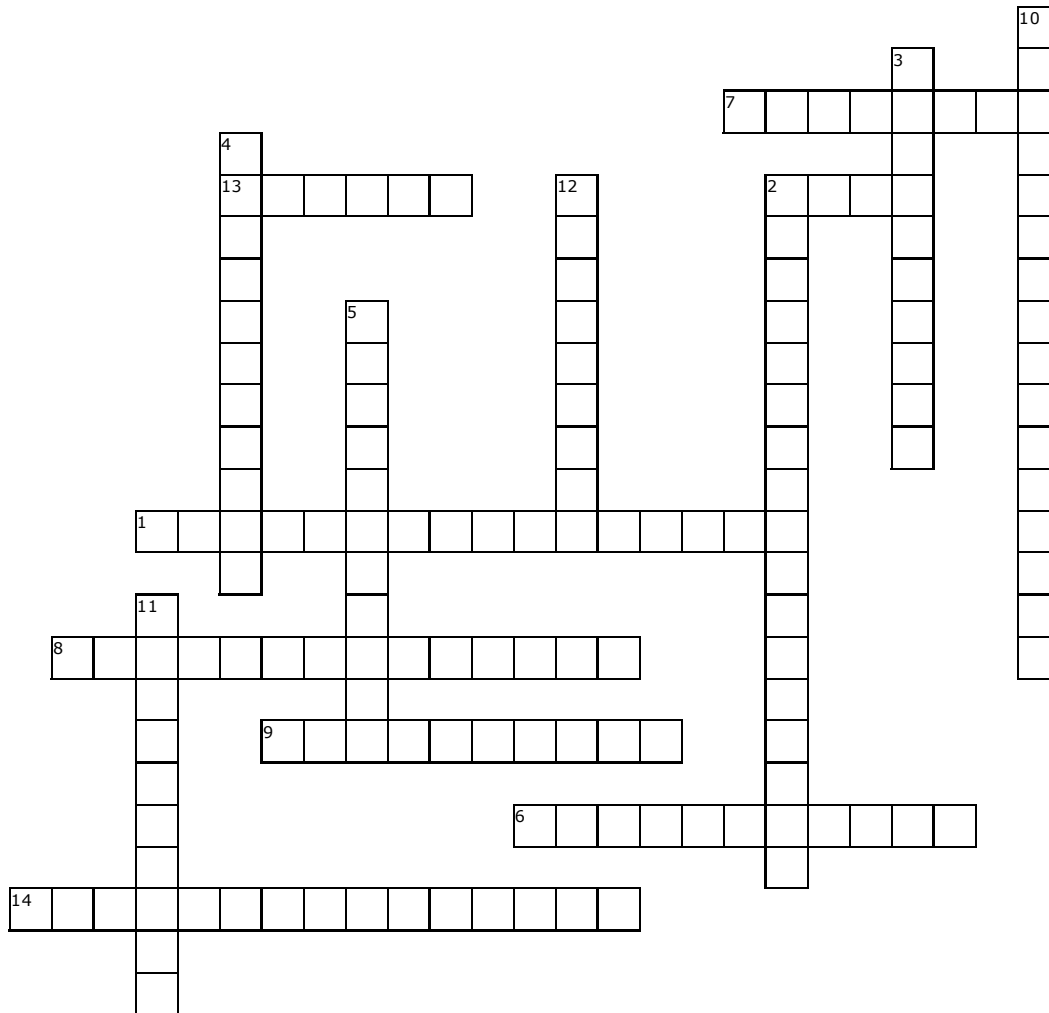


Name: _____

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Winds and Review 3

Please complete the crossword puzzle below



nitrogen gold water cycle photosynthesis earth cycle geosphere albedo greenhouse affect conduction
 convection coriolis effect trade winds westerlies polar easterlies convection cells

Across:

1. prevailing winds that blow from east to west between 60 degrees and 90 degrees latitude in both hemispheres
2. which is NOT an element involved in the cycling of energy and matter on earth?
6. evaporation, condensation, and precipitation are part of the?
7. which of the following is NOT an important energy source for earth systems?
8. plants capture and transfer solar energy in a process called?
9. prevailing winds that blow from west to east between 30 degrees and 60 degrees latitude in both hemispheres
13. the fraction of solar radiation that is reflected off the surface of an object
14. the curving of the path of moving object from an otherwise straight path due to earth's rotation

Down:

2. the warming of the surface and lower atmosphere of Earth that occurs when carbon dioxide, water vapor, and other gases in the air absorb and reradiate infrared radiation is known as?
3. the transfer of energy as heat through a material
4. which is NOT involved in the movement of matter and energy between reservoirs?
5. prevailing winds that blow from east to west from 30 degrees latitude to the equator in both hemispheres
10. the three looping patterns of air flow that exist in each hemisphere
11. movement of matter due to differences in density caused by temperature variations
12. carbon is stored as a type of rock called carbonate in the?

Name: _____
 Provided By: TheTeachersCorner.net [Crossword Maker](#)

Winds and Review 3 KEY

Please complete the crossword puzzle below

Across:

1. prevailing winds that blow from east to west between 60 degrees and 90 degrees latitude in both hemispheres (polar easterlies)
2. which is NOT an element involved in the cycling of energy and matter on earth? (gold)
6. evaporation, condensation, and precipitation are part of the? (water cycle)
7. which of the following is NOT an important energy source for earth systems? (nitrogen)
8. plants capture and transfer solar energy in a process called? (photosynthesis)
9. prevailing winds that blow from west to east between 30 degrees and 60 degrees latitude in both hemispheres (westerlies)
13. the fraction of solar radiation that is reflected off the surface of an object (albedo)
14. the curving of the path of moving object from an otherwise straight path due to earth's rotation (coriolis effect)

Down:

2. the warming of the surface and lower atmosphere of Earth that occurs when carbon dioxide, water vapor, and other gases in the air absorb and reradiate infrared radiation is known as? (greenhouse effect)
3. the transfer of energy as heat through a material (conduction)
4. which is NOT involved in the movement of matter and energy between reservoirs? (earth cycle)
5. prevailing winds that blow from east to west from 30 degrees latitude to the equator in both hemispheres (trade winds)
10. the three looping patterns of air flow that exist in each hemisphere (convection cells)
11. movement of matter due to differences in density caused by temperature variations (convection)
12. carbon is stored as a type of rock called carbonate in the? (geosphere)