

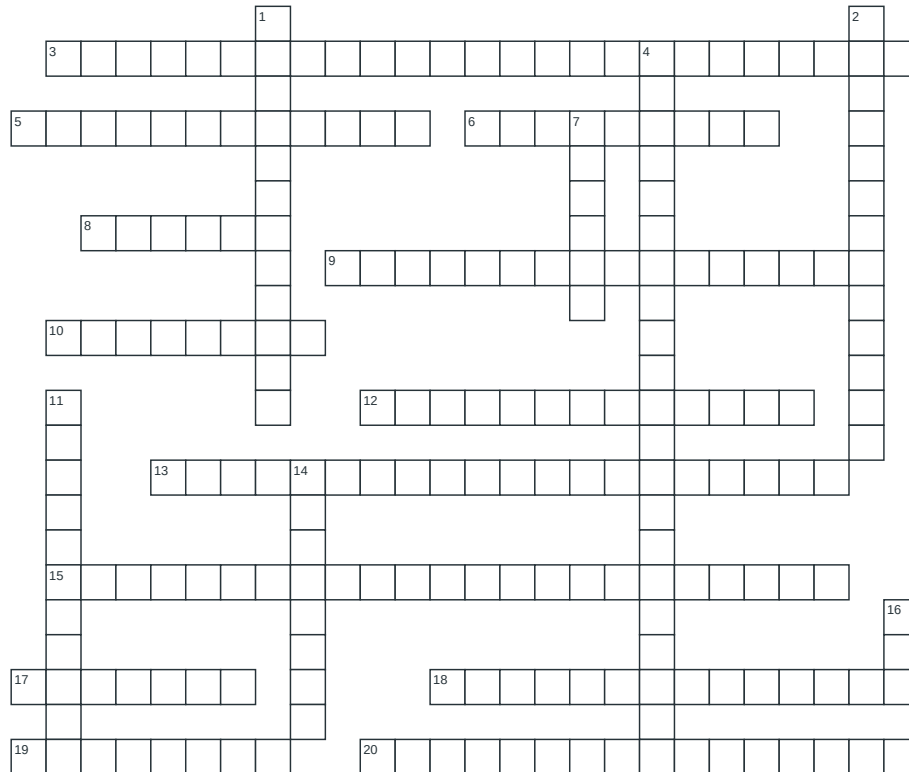
Atmosphere and Air Pressure Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

3. Two nearby areas differ in pressure. Ignoring rotation and friction, which way is air accelerated
5. Water entering the soil from the surface
6. Instrument that measures atmospheric pressure
8. Reservoir contains most of Earth's water
9. Change in pressure over a distance
10. Gas that makes up the largest fraction of Earth's dry atmosphere
12. Loss of water vapor from plant surfaces, especially leaves.
13. Definition of atmospheric pressure primarily caused by
15. Two air samples have the same temperature and volume, but one contains more gas particles. Which generally has greater pressure
17. Atmospheric conditions at a particular time and place
18. Deflects its path through the Coriolis effect

ACROSS (continued)

19. Term that describes the temperature at which cooling air reaches water-vapor saturation
20. Warm air over land rises while cooler sea air moves inland at the surface. What circulation is described

DOWN

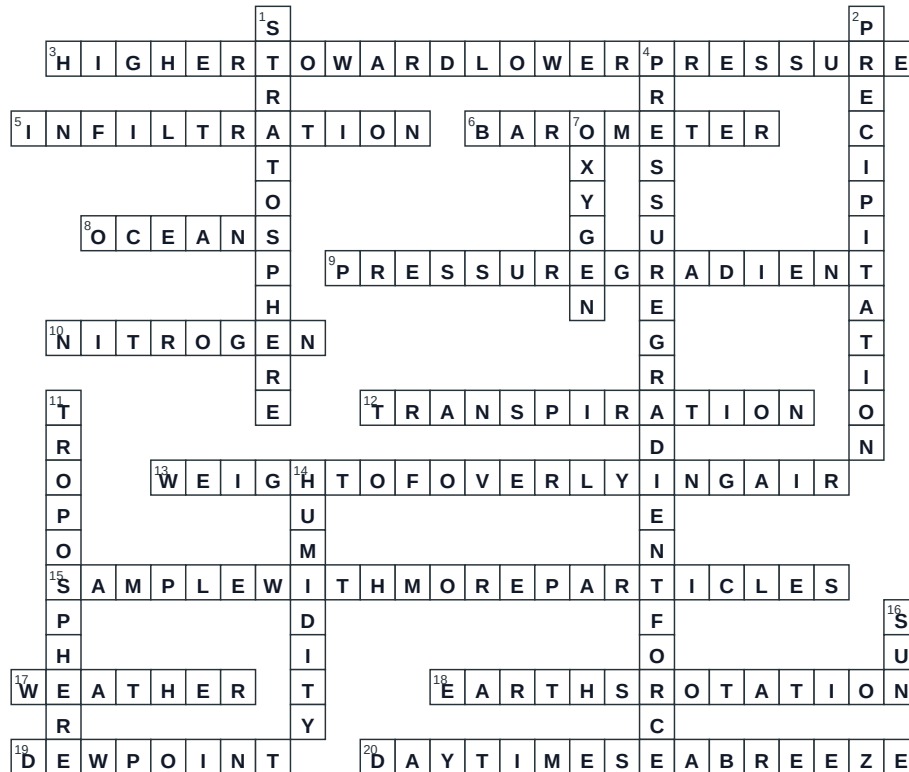
1. Atmospheric layer above the troposphere that contains the ozone layer
2. Water falling from clouds as rain, snow, or other forms
4. Drives horizontal air motion from pressure differences
7. Element whose gas is used in aerobic cellular respiration
11. Lowest atmospheric layer, where most weather occurs
14. Water vapor in the air
16. Supplies much of the energy that drives evaporation in the water cycle

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Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

3. Higher Toward Lower Pressure
5. Infiltration
6. Barometer
8. Oceans
9. Pressure Gradient
10. Nitrogen
12. Transpiration
13. Weight Of Overlying Air
15. Sample With More Particles
17. Weather
18. Earth's Rotation

ACROSS (continued)

19. Dew Point
20. Daytime Sea Breeze

DOWN

1. Stratosphere
2. Precipitation
4. Pressure-gradient Force
7. Oxygen
11. Troposphere
14. Humidity
16. Sun