

## Unit 4 Vocabulary – Weather, Climate, and the Water Cycle

\*\*\*\*\*Vocabulary Quizzes will be split up for this unit. Words 1 – 10 will be for the first Vocabulary Quiz (Quiz A) and words 11 – 19 will be for the second Vocabulary Quiz (Quiz B.)\*\*\*\*\*

1. Water Cycle – the process in which water continuously moves from the Earth's surface into the atmosphere and back again.
2. Evaporation – the process by which liquid changes to gas
3. Condensation – the process by which gas changes to liquid
4. Precipitation – water that falls from the air to Earth's surface
5. Atmosphere – mixture of gases that surround a planet
6. Runoff – water that does not soak into the ground and flows across Earth's surface
7. Weather – what is happening in the atmosphere at a certain time and place
8. Barometer – A weather instrument used to measure air pressure
9. Humidity – the amount of water vapor in the air, measured by a hygrometer
10. Anemometer – a weather instrument that measures wind speed
11. Air Pressure – the weight of the atmosphere pressing down on Earth
12. Wind – air that is moving
13. Air mass – a large body of air that has similar temperature and humidity throughout

14. Front – the border where two air masses meet

15. Weather Map – a map that uses symbols to show weather data

16. Climate – the pattern of weather an area experiences over a long period of time

17. Climate zone – an area that has similar average temperatures and precipitation throughout

18. Equator – an imaginary line around Earth, equally distant from the North and South Poles

19. Latitude – a measure of how far north or south a place is from the equator