

# 8th Grade Science Vocabulary Review Crossword Puzzle 2

1. Using the Across and Down clues, write the correct words in the numbered grid below.

The crossword puzzle grid consists of 21 numbered starting points for words. The grid is composed of white squares for letters and empty spaces for non-letter characters. The numbers are placed in the top-left corner of the starting square for each word.

- 1: Across, 15 squares
- 2: Across, 12 squares
- 3: Down, 8 squares
- 4: Down, 8 squares
- 5: Across, 11 squares
- 6: Across, 10 squares
- 7: Across, 10 squares
- 8: Across, 10 squares
- 9: Down, 10 squares
- 10: Down, 10 squares
- 11: Down, 10 squares
- 12: Across, 5 squares
- 13: Across, 5 squares
- 14: Down, 10 squares
- 15: Across, 5 squares
- 16: Down, 5 squares
- 17: Across, 10 squares
- 18: Across, 10 squares
- 19: Across, 15 squares
- 20: Across, 10 squares
- 21: Across, 12 squares

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## ACROSS

1. Movement of Earth's crust.
2. This is the identity of an element; this is the number of protons an element has in it's nucleus.
5. Lines connecting equal heights of elevation.
6. A process of ecological change in which a series of natural communities are established and then replaced over time.
7. Organisms that must hunt and eat other organisms to survive; do not make their own food.
13. The force that objects exert on each other because of their masses.
15. Large balls of gas burning in space; these balls of gas are primarily hydrogen and helium.
17. Equal forces that cause no change in motion.
19. The process that occurs when gases (CO<sub>2</sub>, methane, water vapor) in Earth's atmosphere trap the Sun's heat.
20. Speed traveled in a certain direction.
21. Rivers of hot or cold water within the ocean caused by planet rotation, wind, temperature and salinity.

potential energy  
gravity  
ocean currents  
eukaryotic  
chloroplast  
ozone  
balanced forces  
plate tectonics

inner core  
heterotrophs  
atomic number  
contour lines  
velocity  
quarter moon  
cytoplasm

## DOWN

1. Energy that is stored.
3. The glue of a cell that keeps all organelles in place.
4. The moon when it appears to be 50% visible.
8. Cells that do contain a nucleus.
9. Different life; different organisms inhabiting the same area.
10. Air is usually rising. Rain, storms, severe weather is possible.
11. The food production area of a plant cell where photosynthesis occurs.
12. Sinking of the Earth's surface.
14. The incredibly dense layer of Earth; it is solid nickel and iron.
16. Movement of air relative to the surface of the Earth.
18. A gas molecule that consists of three oxygen atoms.

biodiversity  
low pressure  
succession  
land subsidence  
wind  
stars  
greenhouse effect