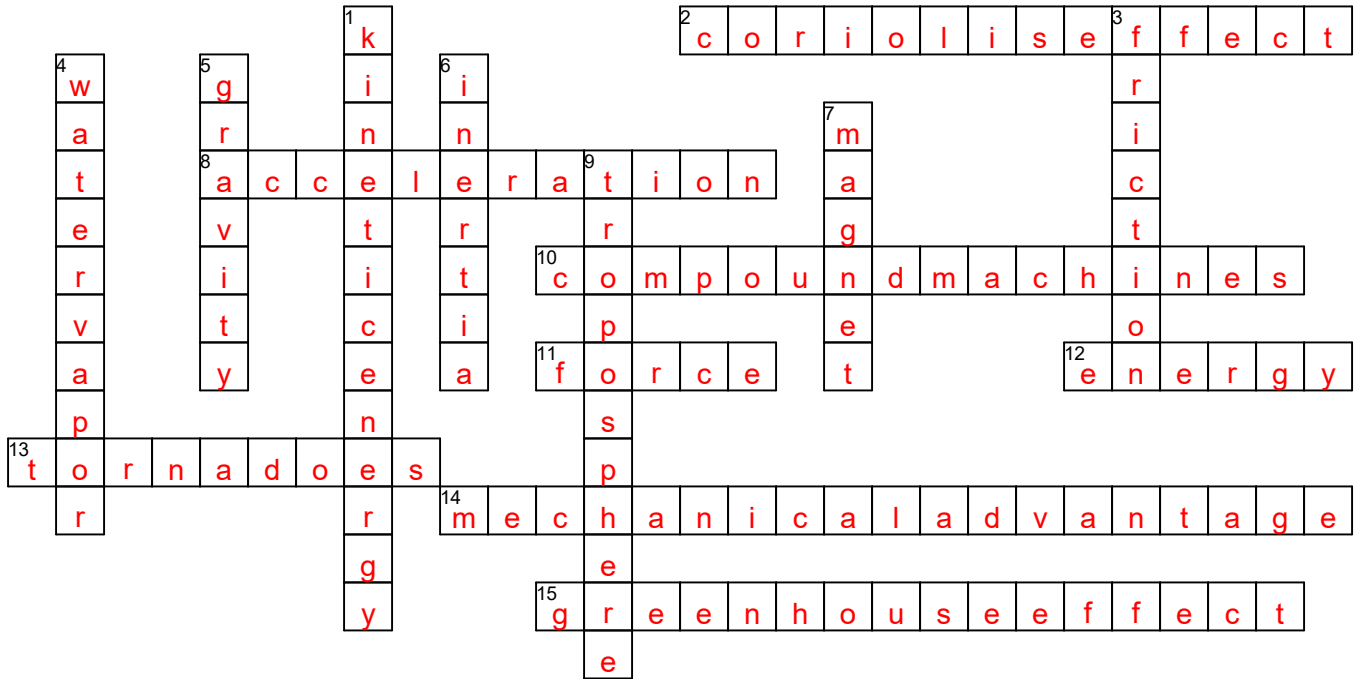


# 7th Grade Science Vocabulary Crossword Puzzle 8

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



## ACROSS

2. The influence of Earth's rotation on objects that move over Earth.
8. The rate at which velocity changes over time.
10. A machine that is made up of two or more simple machines.
11. A push or pull; something that changes the motion of an object.
12. The ability to do work or heat objects.
13. A violently rotating column of air stretching from a cloud to the ground.
14. The number of times a machine multiplies the input force; output force divided by input force.
15. The process by which certain gases in a planet's atmosphere absorb and emit infrared radiation, resulting in an increase in surface temperature.

## DOWN

1. The energy of motion.
3. A force that resists the motion between two surfaces in contact.
4. Water in its gaseous state; totally invisible.
5. The force that objects exert on each other because of their masses.
6. The resistance of an object to a change in the speed or the direction of its motion.
7. Produces magnetic field.
9. We live here; weather occurs here; contains 80% of the atmosphere's mass.

water vapor  
mechanical advantage  
force  
compound machines  
inertia

energy  
gravity  
tornadoes  
troposphere  
magnet

friction  
kinetic energy  
acceleration  
greenhouse effect  
coriolis effect