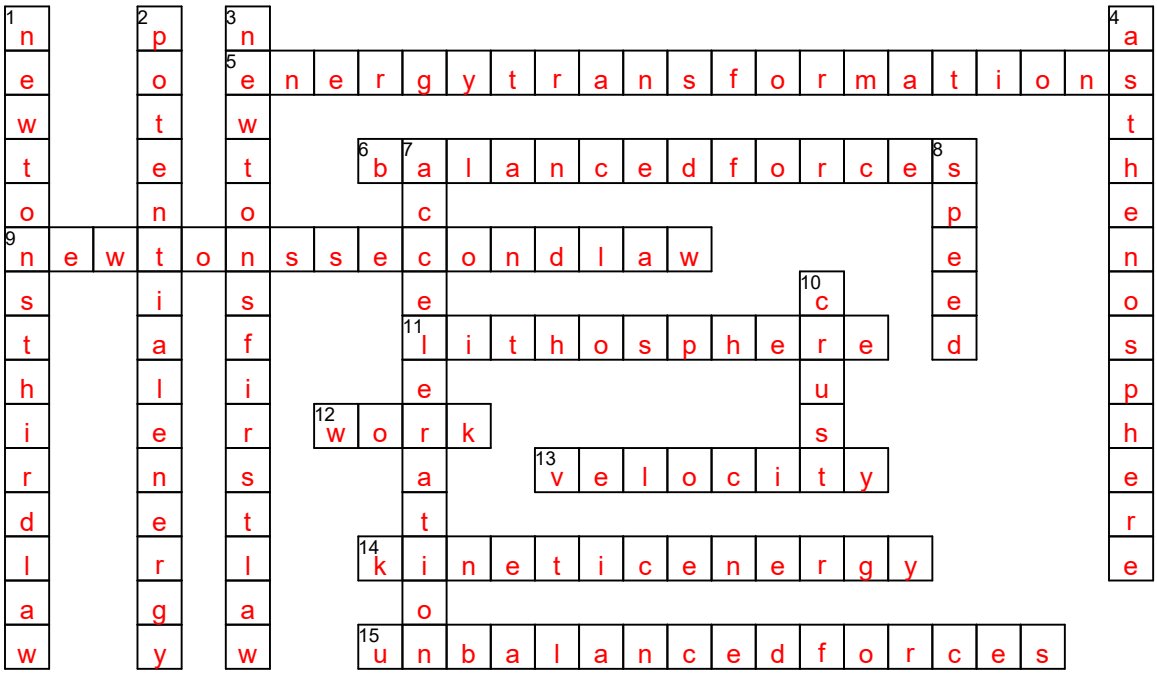
8th Grade Science Vocabulary Crossword Puzzle 1

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



ACROSS

5. Energy being converted to another form of energy.
6. Equal forces that cause no change in motion.
9. States that the acceleration of an object increases with increased force and decreases with increased mass.
11. The layer of Earth that houses the plates of Earth.
12. The amount of force needed to move an object in a certain direction.
13. Speed traveled in a certain direction.
14. Energy in motion.
15. Unequal forces that cause a change in motion.

DOWN

1. States that every time one object exerts a force on another object, the second object exerts a force that is equal in size and opposite in direction back on the first
2. Energy that is stored.
3. States that objects at rest remain at rest, and objects in motion remain in motion with the same velocity, unless acted on by an unbalanced forced.
4. The taffy-like layer of Earth that moves the plates.
7. The rate of change of the velocity of an object with respect to time.
8. Distance traveled in a certain amount of time.
10. The thin, outer most layer of Earth.

Newton's second law	lithosphere	asthenosphere
speed	velocity	kinetic energy
potential energy	crust	Newton's third law
energy transformations	unbalanced forces	balanced forces
work	acceleration	Newton's first law