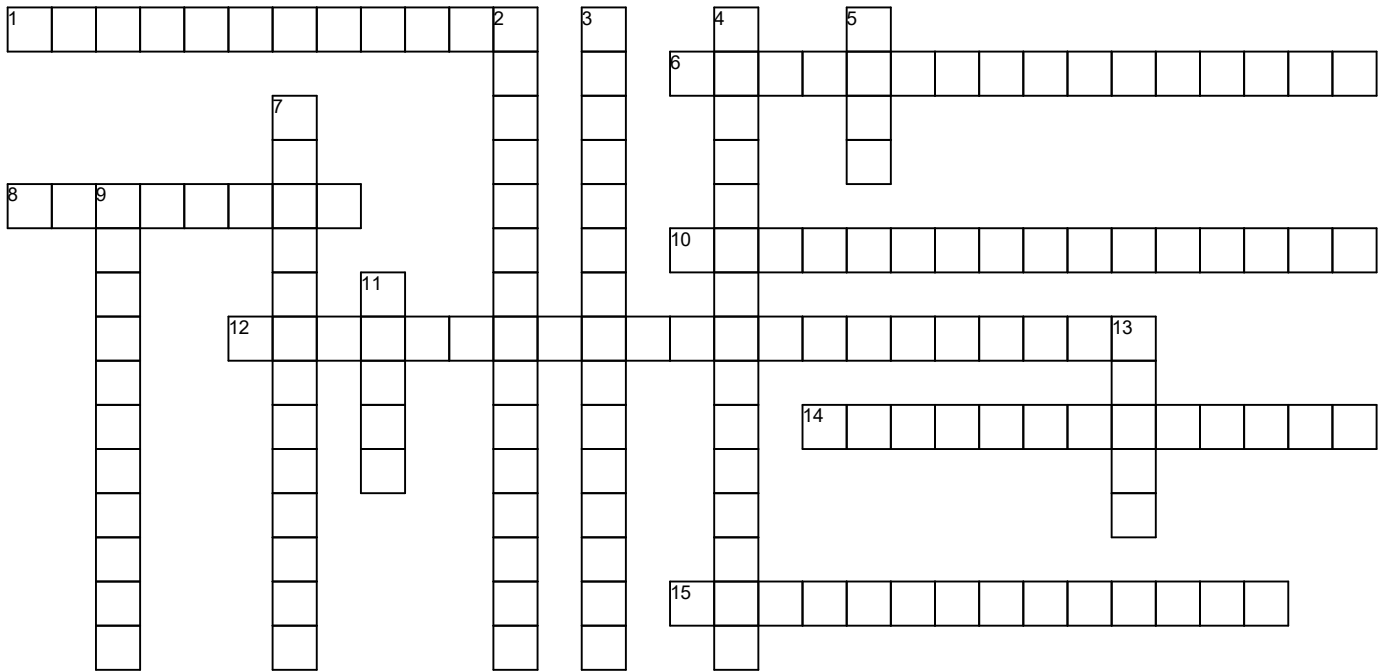


8th Grade Science Vocabulary Crossword Puzzle 8

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



ACROSS

1. The rate of change of the velocity of an object with respect to time.
6. States that the acceleration of an object increases with increased force and decreases with increased mass.
8. Speed traveled in a certain direction.
10. Unequal forces that cause a change in motion.
12. Energy being converted to another form of energy.
14. Energy in motion.
15. Equal forces that cause no change in motion.

DOWN

2. 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
3. Energy that is stored.
4. 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.
5. The amount of force needed to move an object in a certain direction.
7. The taffy-like layer of Earth that moves the plates.
9. The layer of Earth that houses the plates of Earth.
11. The thin, outer most layer of Earth.
13. Distance traveled in a certain amount of time.

work
crust
lithosphere
speed
acceleration

kinetic energy
Newton's third law
velocity
asthenosphere
balanced forces

Newton's first law
Newton's second law
potential energy
unbalanced forces
energy transformations