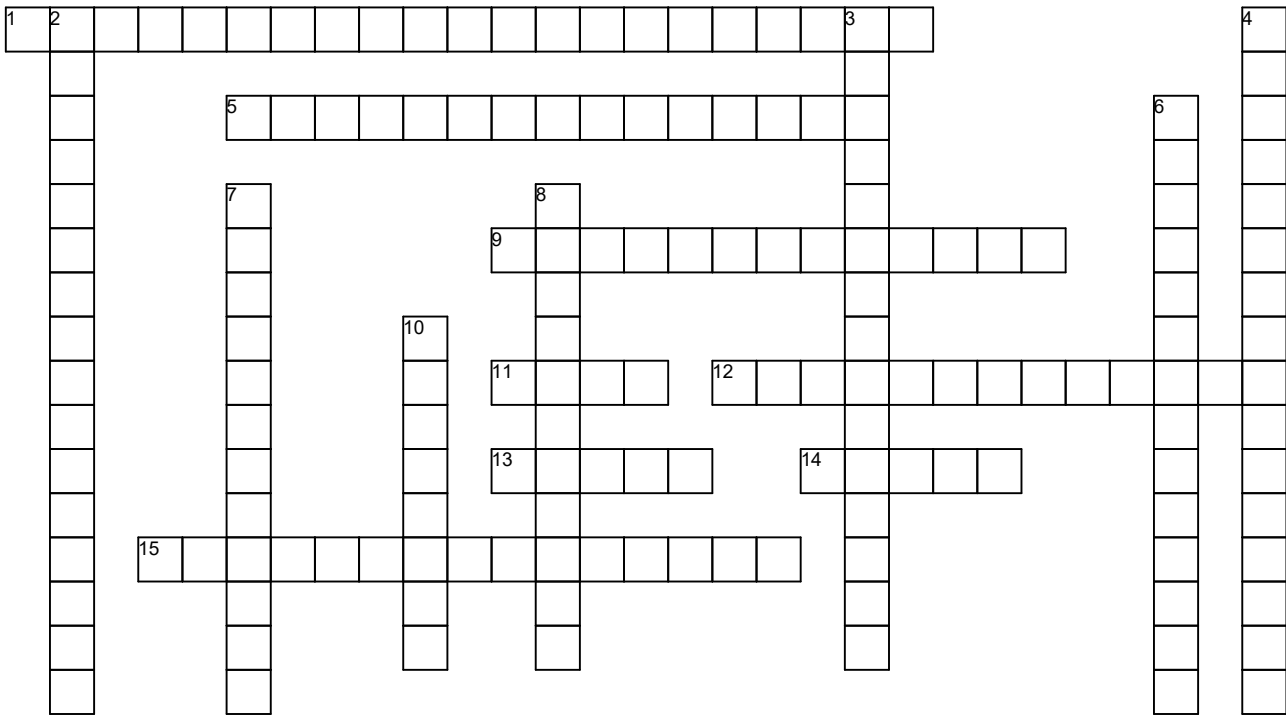


8th Grade Science Vocabulary Crossword Puzzle 22

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



ACROSS

1. Energy being converted to another form of energy.
5. 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 force.
9. Energy in motion.
11. The amount of force needed to move an object in a certain direction.
12. The taffy-like layer of Earth that moves the plates.
13. Distance traveled in a certain amount of time.
14. The thin, outer most layer of Earth.
15. Energy that is stored.

DOWN

2. States that the acceleration of an object increases with increased force and decreases with increased mass.
3. 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.
4. Unequal forces that cause a change in motion.
6. Equal forces that cause no change in motion.
7. The rate of change of the velocity of an object with respect to time.
8. The layer of Earth that houses the plates of Earth.
10. Speed traveled in a certain direction.

work

Newton's second law

velocity

energy transformations

potential energy

lithosphere

crust

speed

asthenosphere

Newton's first law

Newton's third law

balanced forces

kinetic energy

acceleration

unbalanced forces