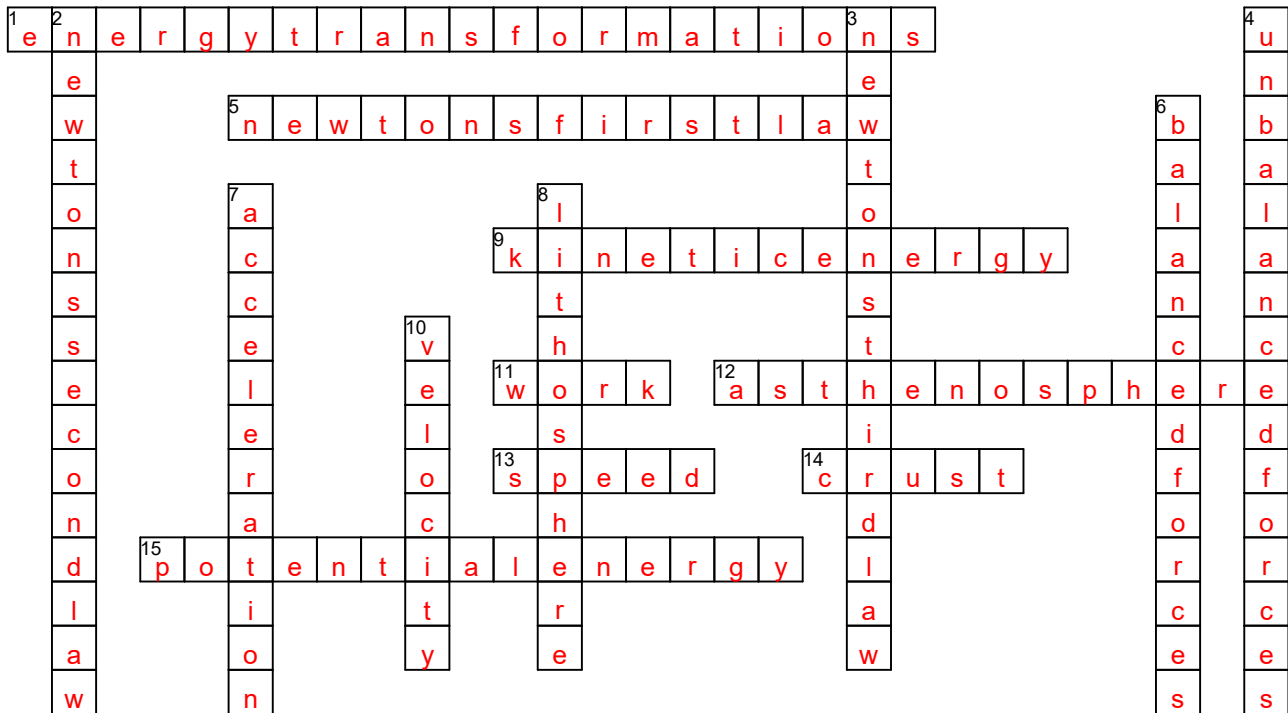


8th Grade Science Vocabulary Crossword Puzzle 22

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