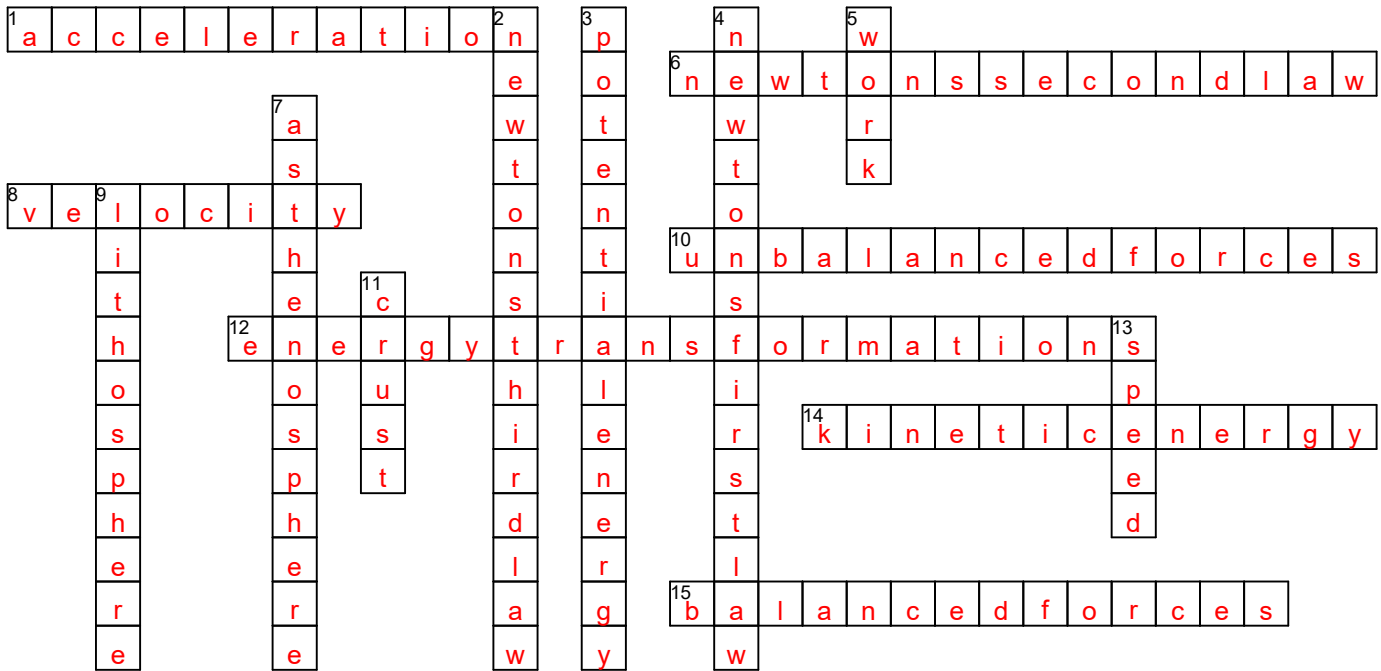


8th Grade Science Vocabulary Crossword Puzzle 8

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



ACROSS

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

DOWN

- 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
- Energy that is stored.
- 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.
- The amount of force needed to move an object in a certain direction.
- The taffy-like layer of Earth that moves the plates.
- The layer of Earth that houses the plates of Earth.
- The thin, outer most layer of Earth.
- 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