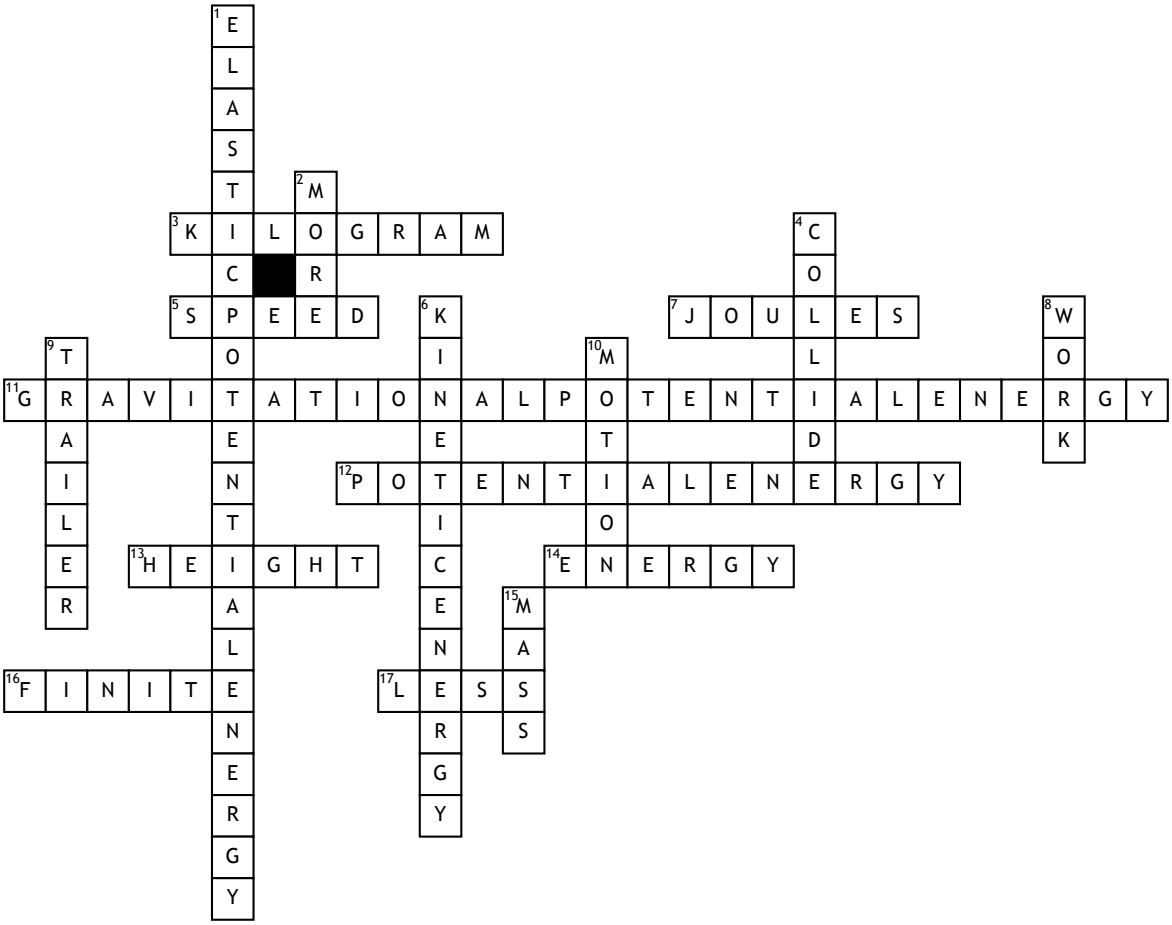
Kinetic and Potential Energy



Across

3. Joule= __ • m2/s2
5. Velocity
7. Unit of work or energy
11. Energy stored in an object as a result of its position.
12. Stored energy
13. The amount of gravitational potential energy depends on mass and _____
14. Capability to do work
16. There is a _____ amount of energy in the universe
17. Objects with less mass will have ____ gravitational potential energy

Down

1. Energy found in materials as a result of stretching and compressing
2. Mass affects kinetic energy (more/less) than velocity.
4. Kinetic energy is transferred from one object to another when the two objects _____
6. Energy that is possessed when in motion
8. Energy is the ability to do ____
9. What has more Kinetic energy: cheetah traveling 80 mph or a trailer traveling 80 mph?
10. Kinetic energy and potential energy are two types of energy that are related to _____
15. In the equation KE=1/2 mv2, what does m represent?