Vocabulary list 2

1. Energy – the ability to do work
2. Kinetic energy – the energy an object has due to its motion
3. Potential energy – the energy an object has because of the position, shape, or condition
4. Mechanical energy – the amount of work an object can do because of the object’s kinetic and potential energies
5. Thermal energy – kinetic energy due to random motion of the particles that make up an object
6. Chemical potential energy – the energy of a compound that changes as its atoms are rearranged
7. Electrical energy – the energy of moving electrons
8. Sound energy – energy caused by an object’s vibrations
9. Light energy – energy that is produced by the vibrations of electrically charged particles
10. Nuclear energy – energy from changes in the nucleus of an atom
11. Elastic potential energy – energy stored by stretching an object
12. Gravitational potential energy – energy that depends on an object’s weight and height