

Vocabulary Vigor



For each definition, circle the letter of the matching term. Then write the circled letter in the puzzle below.

1 This is the capacity to do work or to cause change.

- A. matter
- B. energy
- C. force

2 This is one of the four types of energy—the energy of an object when it is in motion.

- B. chemical energy
- E. potential energy
- F. kinetic energy

3 This is the second of the four types of energy—the energy an object has because of where it is or how it's made.

- A. chemical energy
- B. potential energy
- C. kinetic energy

4 This is the type of potential energy an object has because of its height—picture a ball at the top of its bounce.

- B. gravitational energy
- E. chemical energy
- F. electrical energy

5 This is the kinetic energy that moving objects have.

- A. radiant energy
- B. solar energy
- C. mechanical energy

6 This type of potential energy is stored in food, natural gas, and coal.

- B. mechanical energy
- E. chemical energy
- F. solar energy

7 This kinetic energy travels in waves and is used in alternators, frays, and radio waves.

- A. radiant energy
- B. chemical energy
- C. food energy

8 This is another name for potential energy.

- B. kinetic energy
- E. stored energy
- F. motion

9 This is another name for kinetic energy.

- A. motion
- B. working energy
- C. potential energy

10 This type of kinetic energy is made when an object vibrates. The vibrations move in waves.

- B. solar energy
- E. chemical energy
- F. sound energy

11 Another form of kinetic energy, this is caused by the movement of electrons.

- A. electrical energy
- B. chemical energy
- C. sound energy

12 When molecules of matter move, they produce heat, or this type of kinetic energy.

- B. thermal energy
- E. physical energy
- F. solar energy

13 This is the source of most of the world's energy.

- A. fossil fuels
- B. electricity
- C. the sun

14 This is the potential energy stored in compressed objects, such as springs and rubber bands.

- B. gravitational energy
- E. chemical energy
- F. elastic energy

15 This is the energy that is stored in the nucleus of an atom.

- A. nuclear energy
- B. electrical energy
- C. solar energy

16 The kinetic energy is a visible radiant energy that travels from the sun through space.

- B. sound energy
- E. light energy
- F. chemical energy

To check your work:

1. Each letter must appear only once in each region.
2. Each letter must appear only once in each row.
3. Each letter must appear only once in each column.

	a	b	
c			