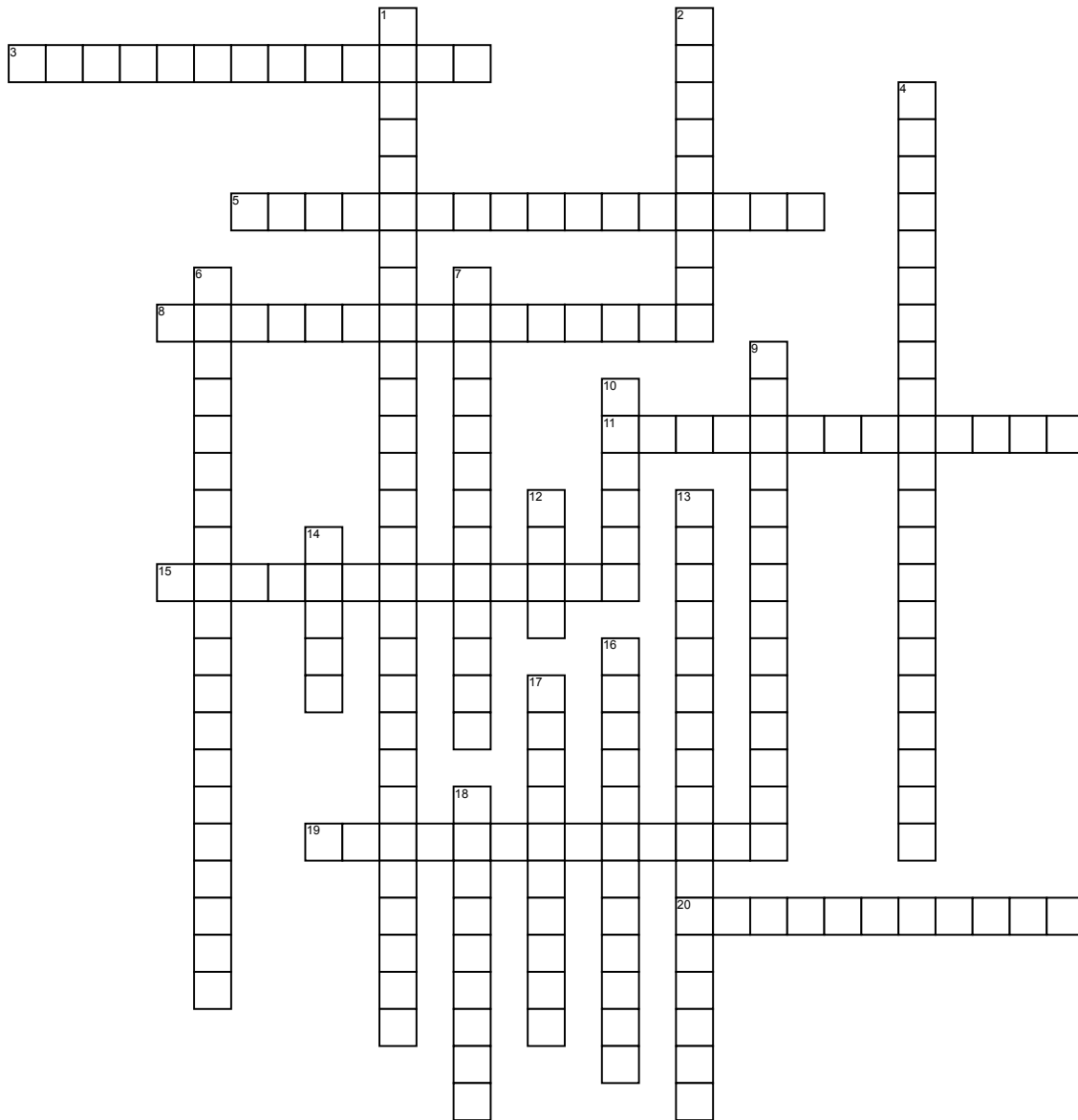


# Energy and Waves Vocabulary Crossword Puzzle



## **Across**

- 3.** The motion of waves, electrons, atoms, molecules, and substances.  
**5.** The movement of electrons.  
**8.** Stored energy.  
**11.** Stored in the NUCLEUS of an atom  
**15.** Electromagnetic energy that travels in transverse waves.  
**19.** The internal energy in substances; heat  
**20.** Movement of energy through substances in longitudinal waves which produce vibration.

## **Down**

- 1.** Energy of place or position.  
**2.** The number of wave cycles that are completed per. second.  
**4.** The change of energy from one form to another.  
**6.** A resource that cannot be readily replace by natural means.  
**7.** Stored in objects by the application of force.  
**9.** Stored in the bonds between atoms in molecules.  
**10.** Measurement of a system's ability to do work. It can be transferred between objects but is never created nor destroyed.

- 12.** Measurement of energy transfer that occurs when an object is moved over a distance by an external force.  
**13.** Any resource that can be replaced naturally.  
**14.** Movement of energy through a medium.  
**16.** The energy of the movement of a substance from one place to another.  
**17.** The distance between two peaks of a wave.  
**18.** The distance between the midline of a wave and the crest/trough. Measures how much energy is being transported.