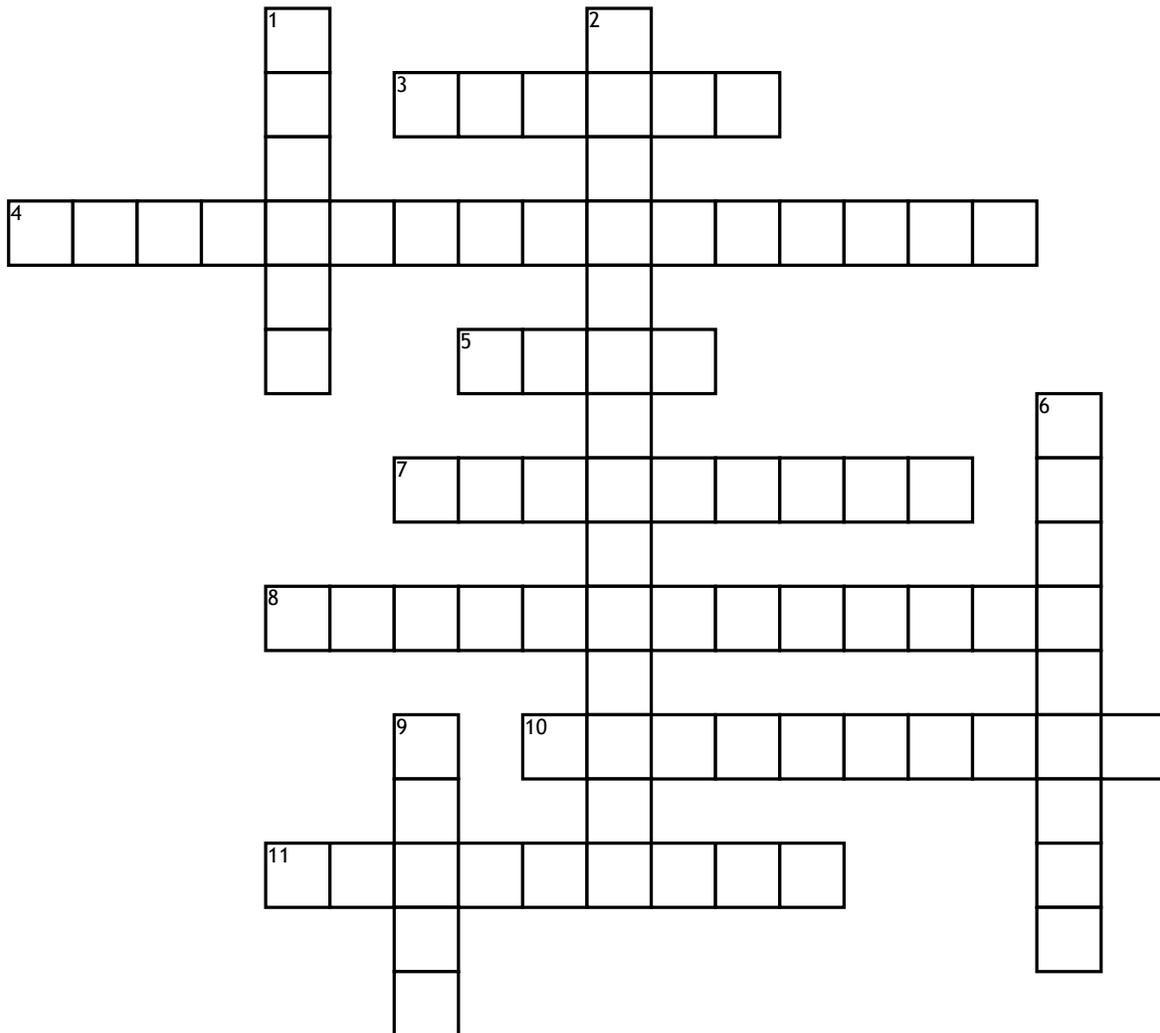


# The Waves



**Across**

- 3. \_\_\_\_\_ is the ability to do work
- 4. \_\_\_\_\_ is a wave that moves the medium parallel to the direction in which the wave travels
- 5. \_\_\_\_\_ is a disturbance that transfers energy from place to place
- 7. \_\_\_\_\_ is a repeated back and forth or up and down
- 8. \_\_\_\_\_ is the part of a longitudinal wave where the particles of the medium are close together
- 10. \_\_\_\_\_ is distance between two corresponding parts of a wave

- 11. \_\_\_\_\_ is the number of complete waves that pass a given point in a certain amount of time

**Down**

- 1. \_\_\_\_\_ is material through which a wave travels
- 2. \_\_\_\_\_ is a wave that moves the medium in a direction perpendicular to the direction in which the wave travels
- 6. \_\_\_\_\_ is the maximum distance particles of a medium move away from their rest position as a wave passes through the medium
- 9. \_\_\_\_\_ is the rate at which someone or something is able to move or operate