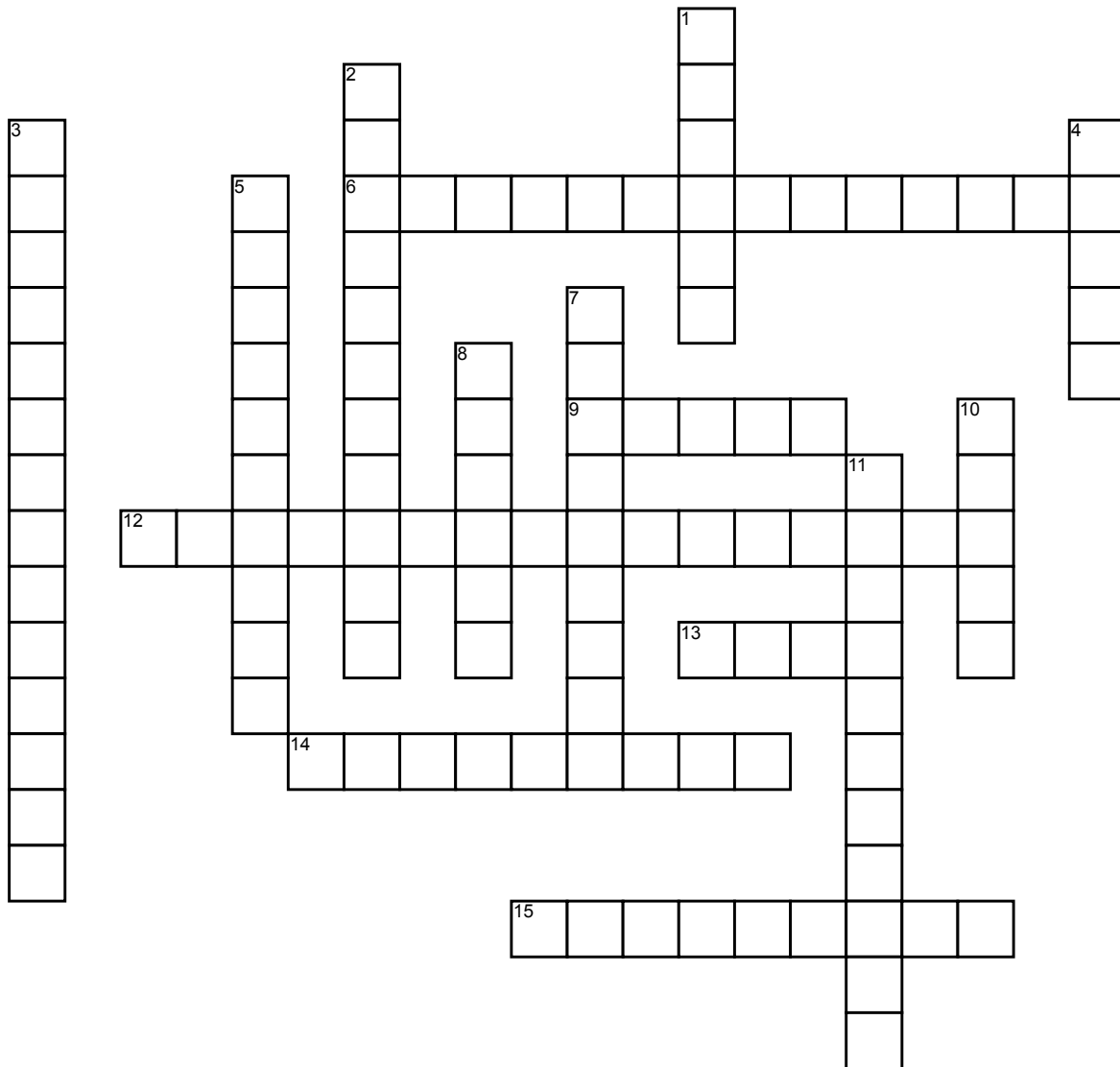


Wave Choice Board #1



Across

- 6. a wave that requires a medium through which to travel
- 9. the perception of the frequency of a sound
- 12. a wave that moves a medium in a direction parallel to the direction in which the wave travels; Ex: sound waves
- 13. a disturbance that transfers energy from place to place Mechanical Wave
- 14. the number of complete waves that pass a given point in a certain amount of time

15. a repeated back-and-forth or up-and-down motion

Down

- 1. the material through which a wave travels
- 2. part of a longitudinal wave where the particles of the medium are close together
- 3. a wave that moves the medium in a direction perpendicular to the direction in which the wave travels; Ex: water waves
- 4. the unit of measurement for frequency (Hz)

- 5. the distance between two corresponding parts of a wave
- 7. the maximum distance the particles of a medium move away from their rest position as a wave passes through the medium
- 8. the lowest part of a transverse wave
- 10. the highest part of a transverse wave
- 11. part of a longitudinal wave where the particles of the medium are far apart