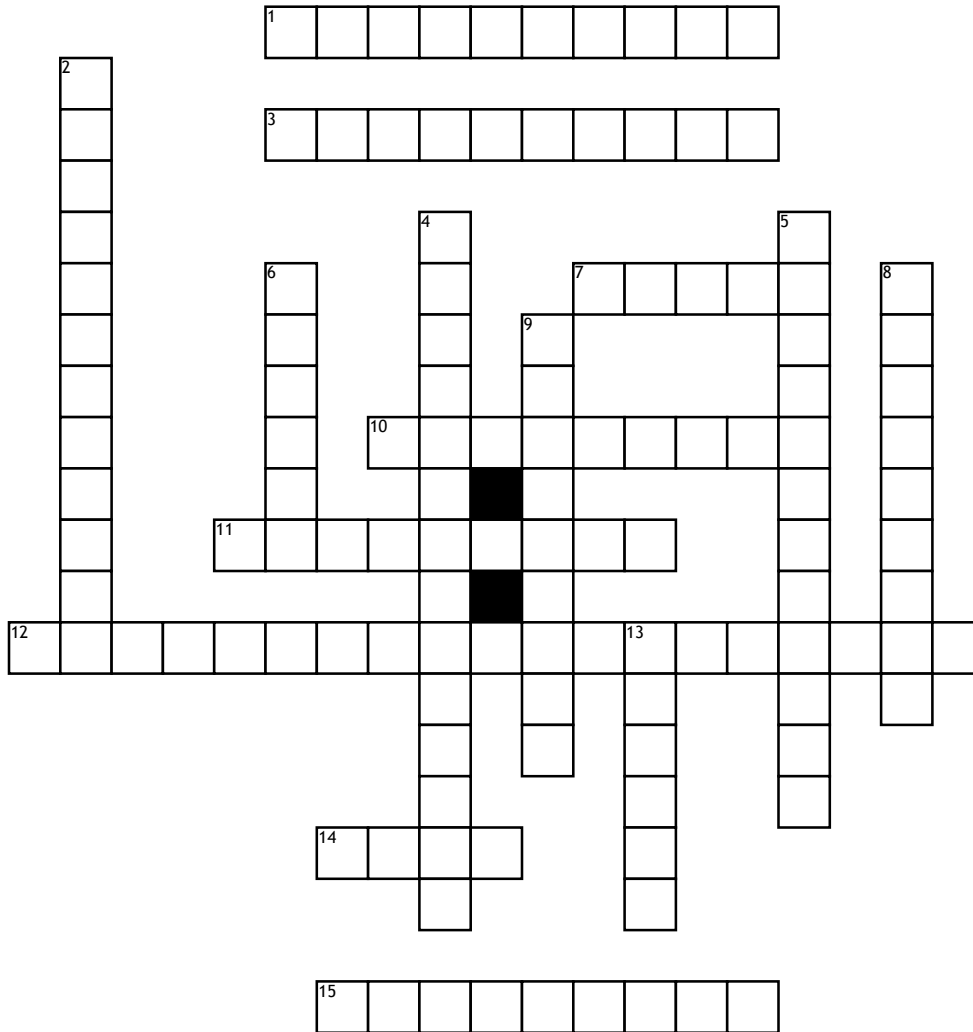


# Wave Key Terms



## Across

1. distance between 2 crests or troughs
3. waves in which the particles vibrate in an up and down motion.
7. The highest surface part of a wave
10. speed at which waves travel through a medium
11. wave height.
12. waves that do NOT need a medium to travel through.

14. any disturbance that transfers energy through matter or space.
15. mechanical wave that results from the back and forth vibration of the particles of the medium through which the sound wave is moving.

## Down

2. waves in which the particles vibrate back and forth in compressional pulses.

4. waves that need a medium to travel through
5. a wave which oscillates in time but whose peak amplitude profile does not move in space
6. the matter through which a wave travels
8. electromagnetic radiation of any wavelength, whether visible or not.
9. the number of waves that pass by a point each second.
13. The lowest part of a wave

## Word Bank

- |                 |              |               |                      |
|-----------------|--------------|---------------|----------------------|
| Wave            | Longitudinal | Medium        | Transverse           |
| Trough          | Light Wave   | Standing wave | Electromagnetic Wave |
| Sound Wave      | Wave speed   | Frequency     | Wavelength           |
| Mechanical Wave | Amplitude    | Crest         |                      |