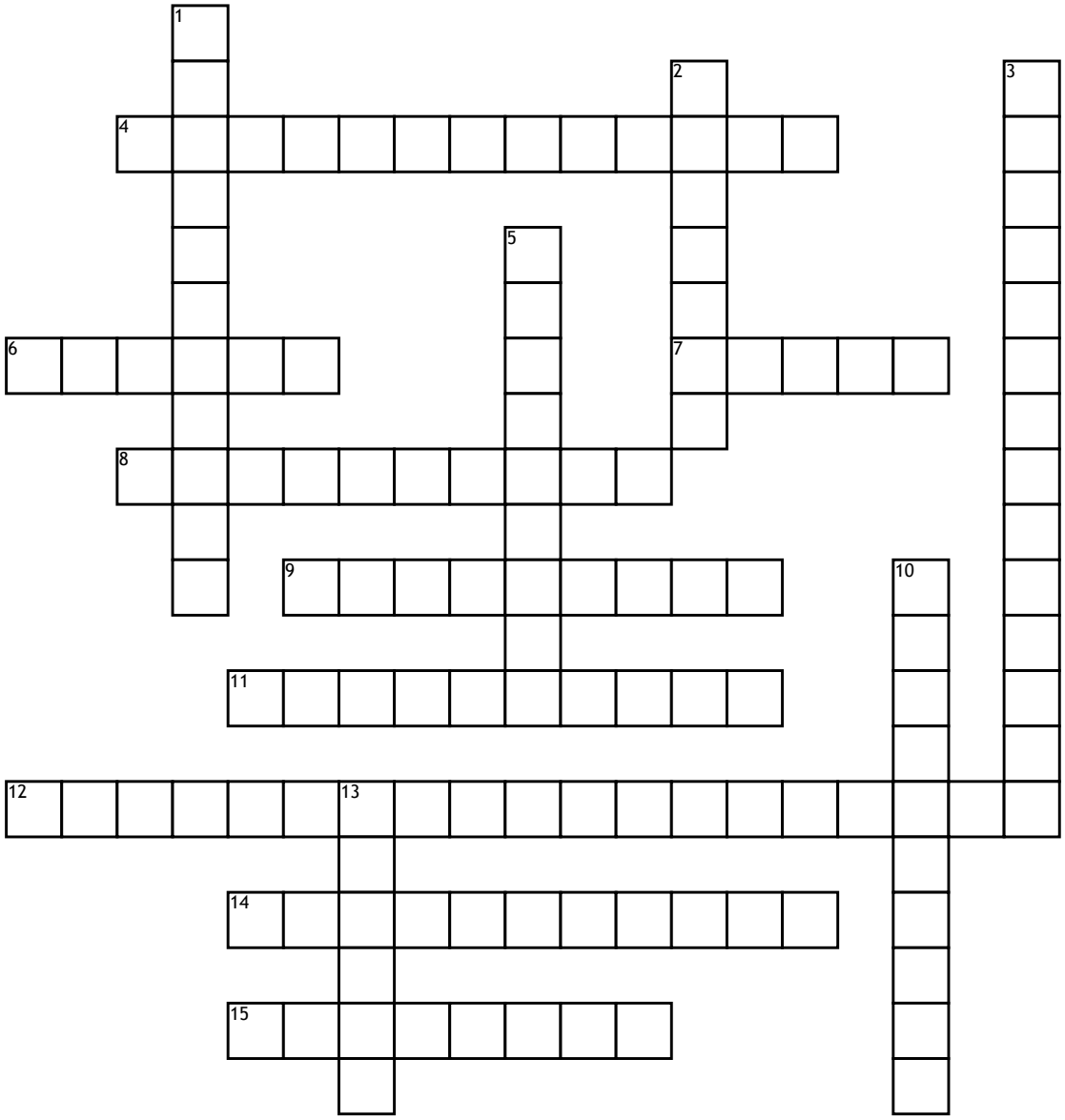
Name: _____ Date: _____

Science-Sound



Across

4. Vibrating electric and magnetic fields.

6. How loud or soft a sound is.

7. Unit used to measure the frequency of a wave.

8. The bouncing of light waves off a surface.

9. The number of vibrations a wave has in a given time. Pitch. The perception of the frequency of a sound as being high or low.

11. The distance between any two adjacent wave crests. wave.A disturbance traveling through matter or space, carrying energy from one place to another without transporting matter.

12. Light is one type of this

14. Light can travel through without being scattered.

15. The perception of the amplitude of a sound wave.

Down

1. Light is so scattered through this that objects cannot be seen clearly.

2. A low point of a wave.

3. Particles in this wave vibrate at right angles to the direction of the wave. longitudinal wave.The particles of this wave vibrate back & forth along the same direction as the wave.

5. The distance that any point on the wave is moved from its resting place; it is equal to one-half of the wave height.

10. Bending of light.

13. This substance will not allow light to pass through it.