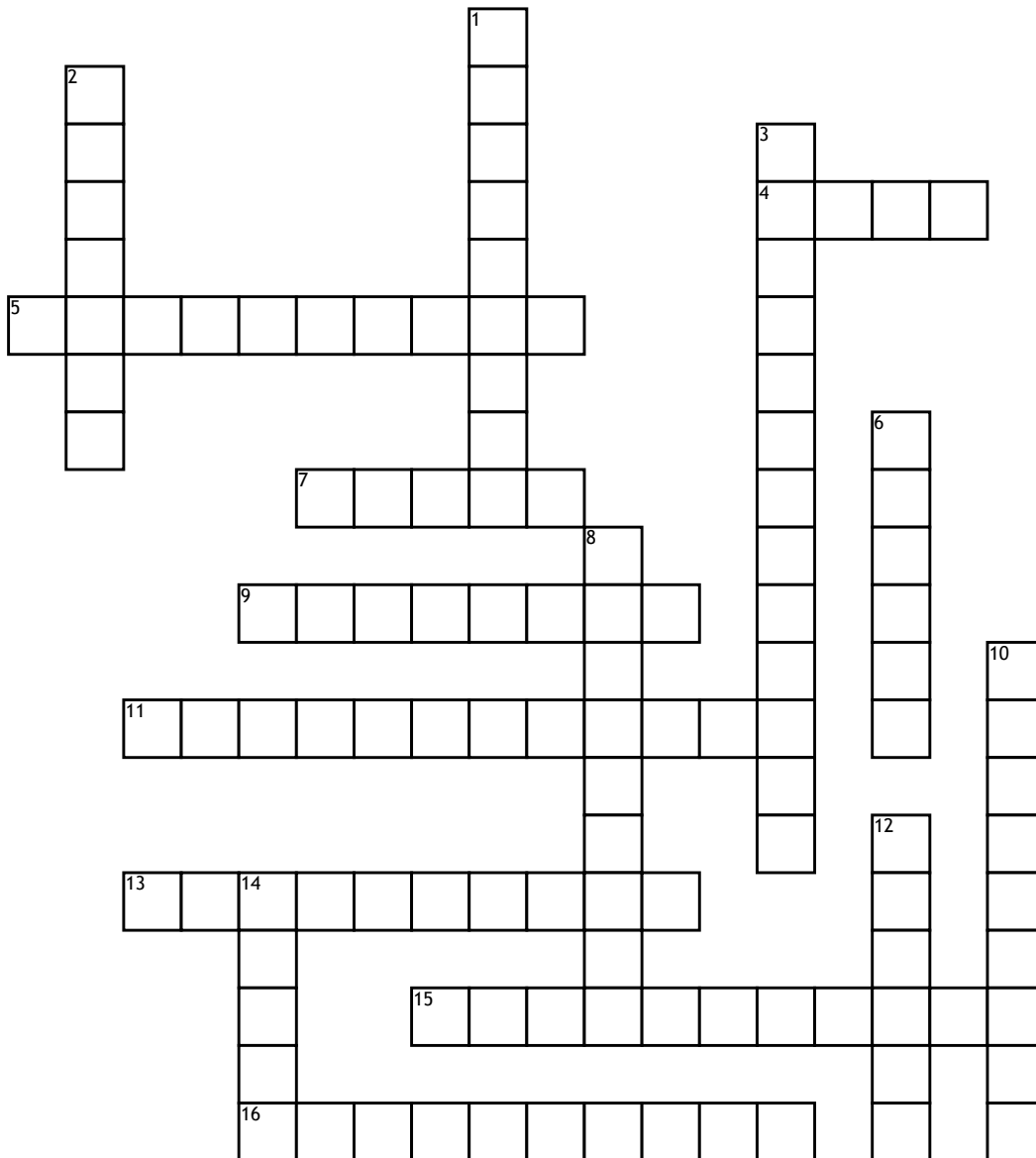


Getting to Know Waves



Across

4. reflection of sound that can be heard

5. the distance from one wave crest to the next

7. the distance travelled per second

9. squeezing together

11. waves in which the vibrations are parallel to the direction of energy transfer

13. vibration that travels through a substance

15. stretched apart

16. a wave where the vibration is perpendicular to the direction of energy transfer

Down

1. the height of a wave crest or trough of a transverse wave from the rest position

2. oscillate (move to and fro) rapidly about a fixed position

3. at right angles

6. the lowest point of a wave

8. move to and fro about a certain position along a line

10. the number of wave crests passing a fixed point every second

12. time taken for one wave in seconds

14. the peak of a wave