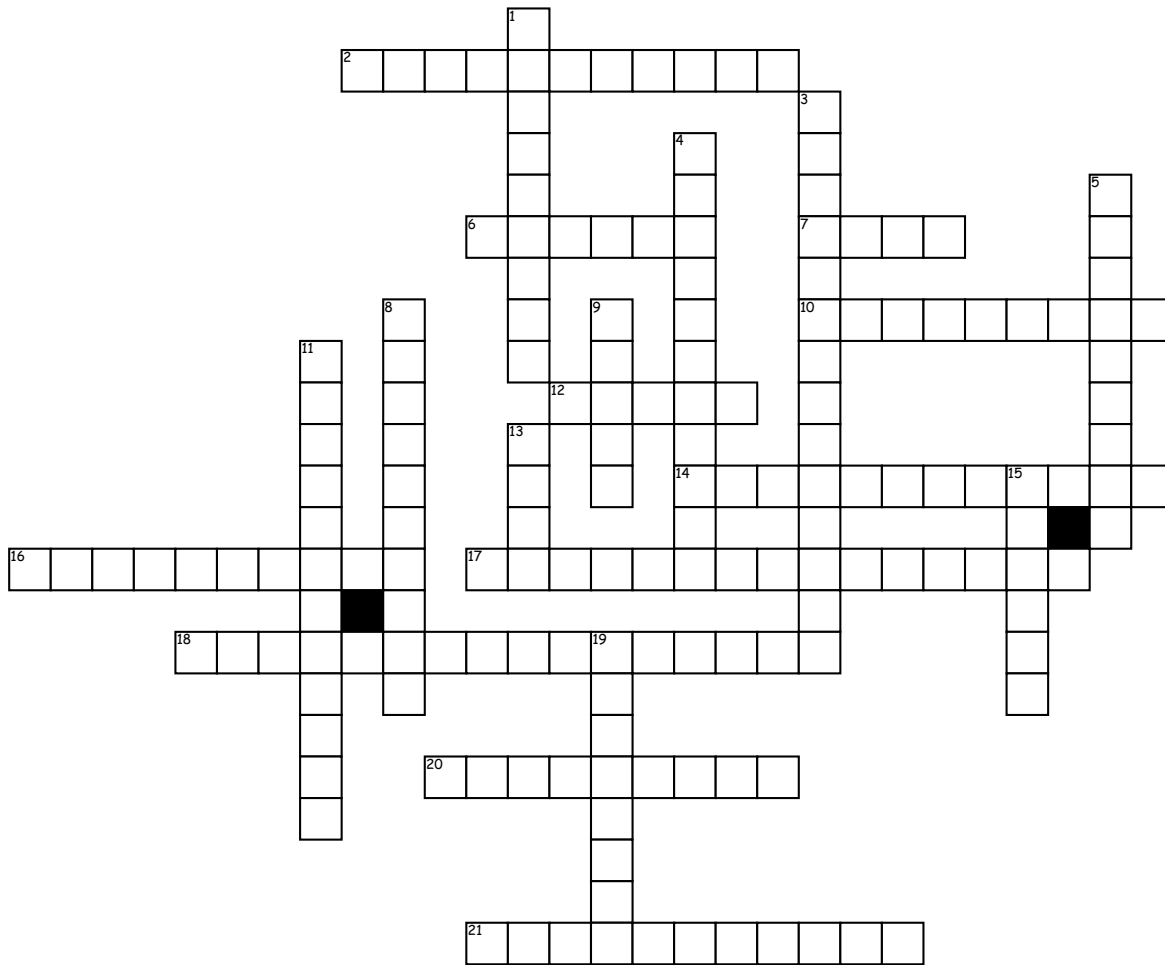


Name: _____

Date: _____

science crossword



Across

2. the bending of waves (such as light waves or sound waves) as they pass around an obstacle or through an opening.
6. not small or large
7. A point zero amplitude on a standing wave.
10. your voice does what when you talk?
12. the highest part of a transverse wave.
14. when the crest of one wave and the trough of a second wave arrive at the same time, their effects cancel each other out is what?
16. the bouncing back of an object wave when it hits the surface through which cannot pass.

17. The "medium" is the substance or material that carries by a what kind of wave?

18. a wave that moves a medium in a direction parallel to the direction in which the wave travels.

20. the swing is the greatest distance reached to either side of the central rest position.

21. the part of a longitudinal wave where the particles of the medium are far apart.

Down

1. the number of complete waves that pass a given point in a certain amount of time.

3. rhythmic disturbances that transfer energy from one point to another.

4. the part of a longitudinal wave where the particles of the medium are close together.

5. the increase in the amplitude of a vibration that occurs when external vibrations match an objects natural frequency.

8. the distance between two corresponding parts of a wave.

9. unit of measurement for frequency.

11. two waves above is a new wave pattern known as?

13. oceans are mostly generated by the wind moving across the ocean surface.

15. most types are either a form of kinetic or potential.

19. a point of maximum amplitude on a standing wave.