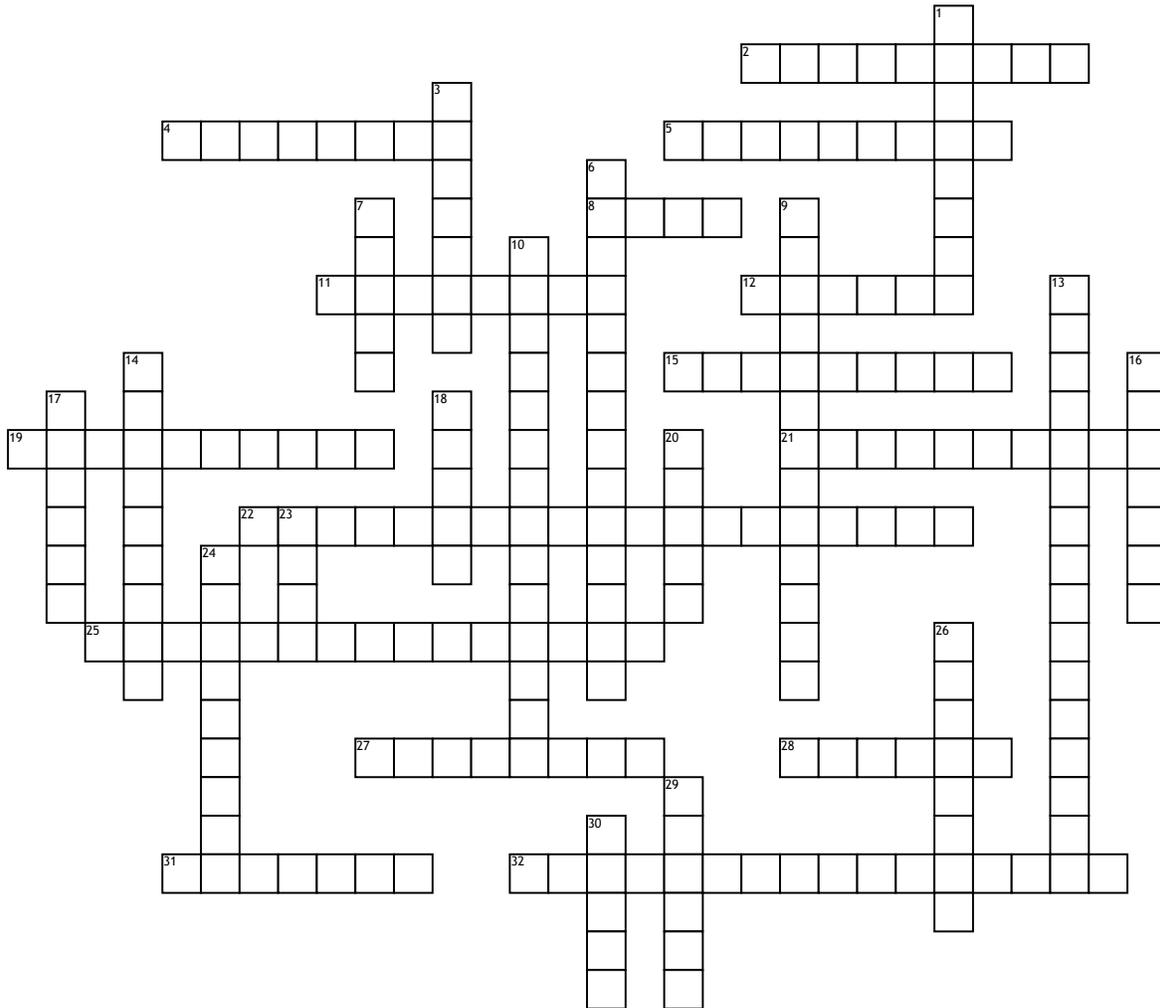


Waves



Across

- 2. a rate of something that repeats over and over again
- 4. any factor that can be changed
- 5. a quick back-and-forth movement
- 8. the reflection of a sound off a distant surface
- 11. looking for work that may already have been done
- 12. usable power that can be transferred or converted to different forms but cannot be created or destroyed
- 15. a physical or digital or digital model of a new design
- 19. a process in which people freely make up creative ideas
- 21. a factor that limits what can be done
- 22. a mathematical relationship where if one variable increases, the other decreases
- 25. a wave in which the medium is compressed

- 27. something you can observe about an object, material, or system
- 28. a substance or material
- 31. to bounce back
- 32. a person who creates designs to enhance the quality of a sound within a space

Down

- 1. speed
- 3. a unit used to measure the amplitude of sound
- 6. a wave that only can travel through a medium
- 7. the highest point of wave
- 9. energy of movement
- 10. a wave in which the movement of the waves medium is perpendicular to the movement of the wave traveling through the medium
- 13. a wave in which the wave's medium moves in the same direction as the movement of the wave; also called a compression wave

- 14. a requirement that must be met
- 16. a repeating and recognizable feature
- 17. the low point of a wave
- 18. a short burst that travels as a wave
- 20. the highness or lowness of sound
- 23. a point where a wave crosses its resting line
- 24. the height of the peaks above the resting line in a wave
- 26. the study of sound
- 29. to take in or soak up
- 30. a disturbance that reduces the quality of a signal