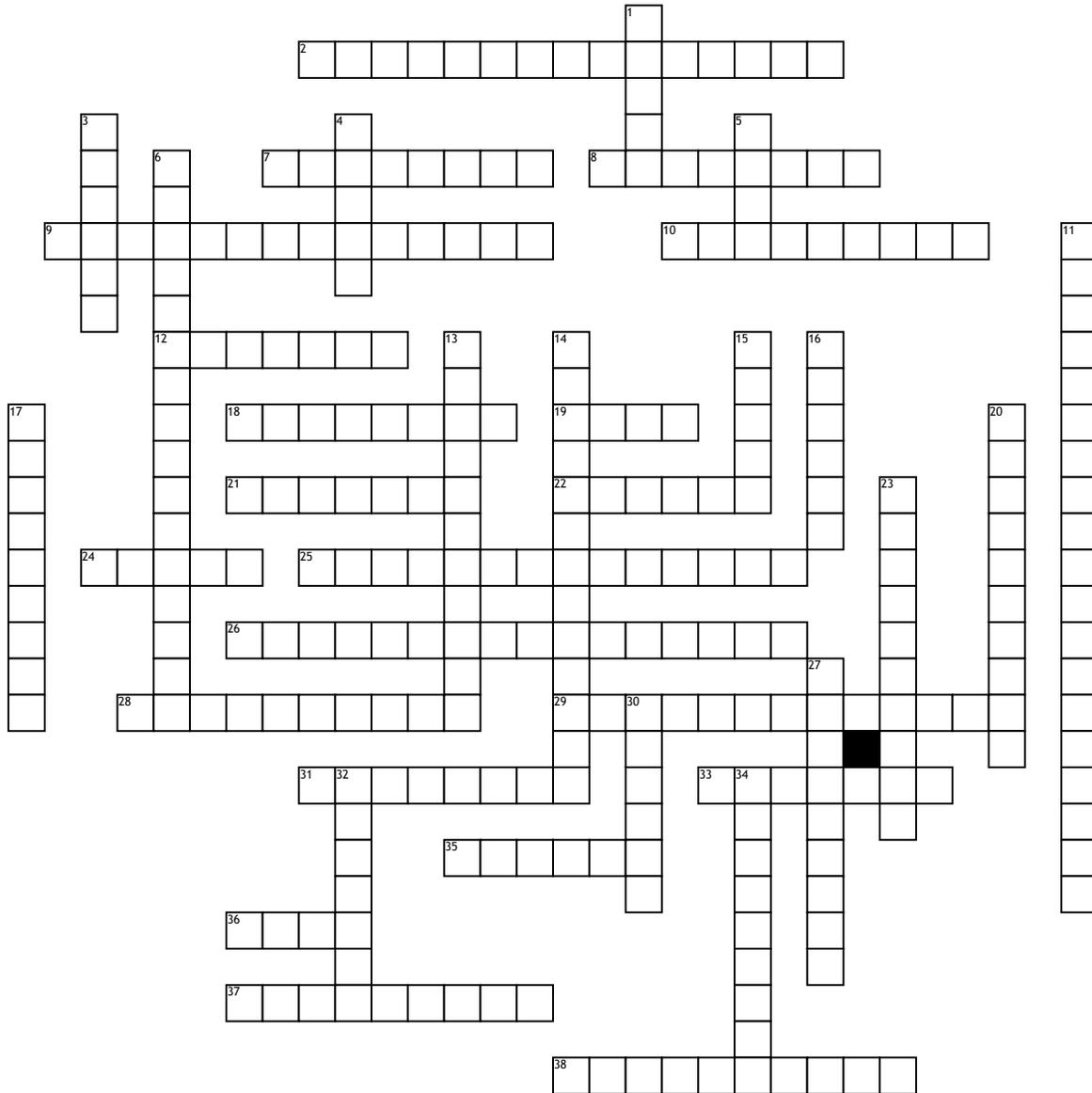


Science Crossword



Across

- 2. a wave in which the wave's medium is compressed in the same direction as the movement of the wave; also called a longitudinal wave
- 7. any factor that can be changed
- 8. speed
- 9. a wave in which the movement of the wave's medium is perpendicular to the movement of the wave traveling through the medium
- 10. the study of sound
- 12. a high-energy ocean wave created from the movement of earth's crust
- 18. looking for work that may already have been done
- 19. a point where a wave crosses its resting line
- 21. a unit used to measure the amplitude of sound
- 22. the low point of a wave
- 24. a short burst that travels as a wave
- 25. a wave that can only travel through a medium(solid, liquid, or gas)

- 26. a person who creates designs to enhance the quality of sound within a space
 - 28. the bouncing back of waves off an object
 - 29. the collection of closely spaced sound reflections off many surfaces
 - 31. something you can observe about an object, material, or system
 - 33. a repeating and recognizable feature
 - 35. a substance or material
 - 36. a back and forth pattern of motion that transfers energy
 - 37. a requirement that must be met
 - 38. the length of one wave; can be measured as the distance from the center of one peak to the center of the next
- Down**
- 1. a disturbance that reduces the quality of a signal
 - 3. usable power that can be transferred or converted to different forms but cannot be created or destroyed
 - 4. the high point in a wave

- 5. the reflection of a sound off a distant surface
- 6. a wave in which the wave's medium moves in the same direction as the movement of the wave; also called a compression wave
- 11. a mathematical relationship where if one variable increases, the other one decreases
- 13. a regular pattern of motion
- 14. energy of movement
- 15. the highness or lowness of sound, which depends on the frequency of its sound wave
- 16. to take in or soak up
- 17. a rate of something that repeats over and over.
- 20. a factor that limits what can be done
- 23. a process in which people freely make up creative ideas
- 27. a physical or digital model of a new design
- 30. how loud a sound is, which depends on the amplitude of its sound wave
- 32. to bounce back
- 34. the height of the peaks above the resting line in a wave