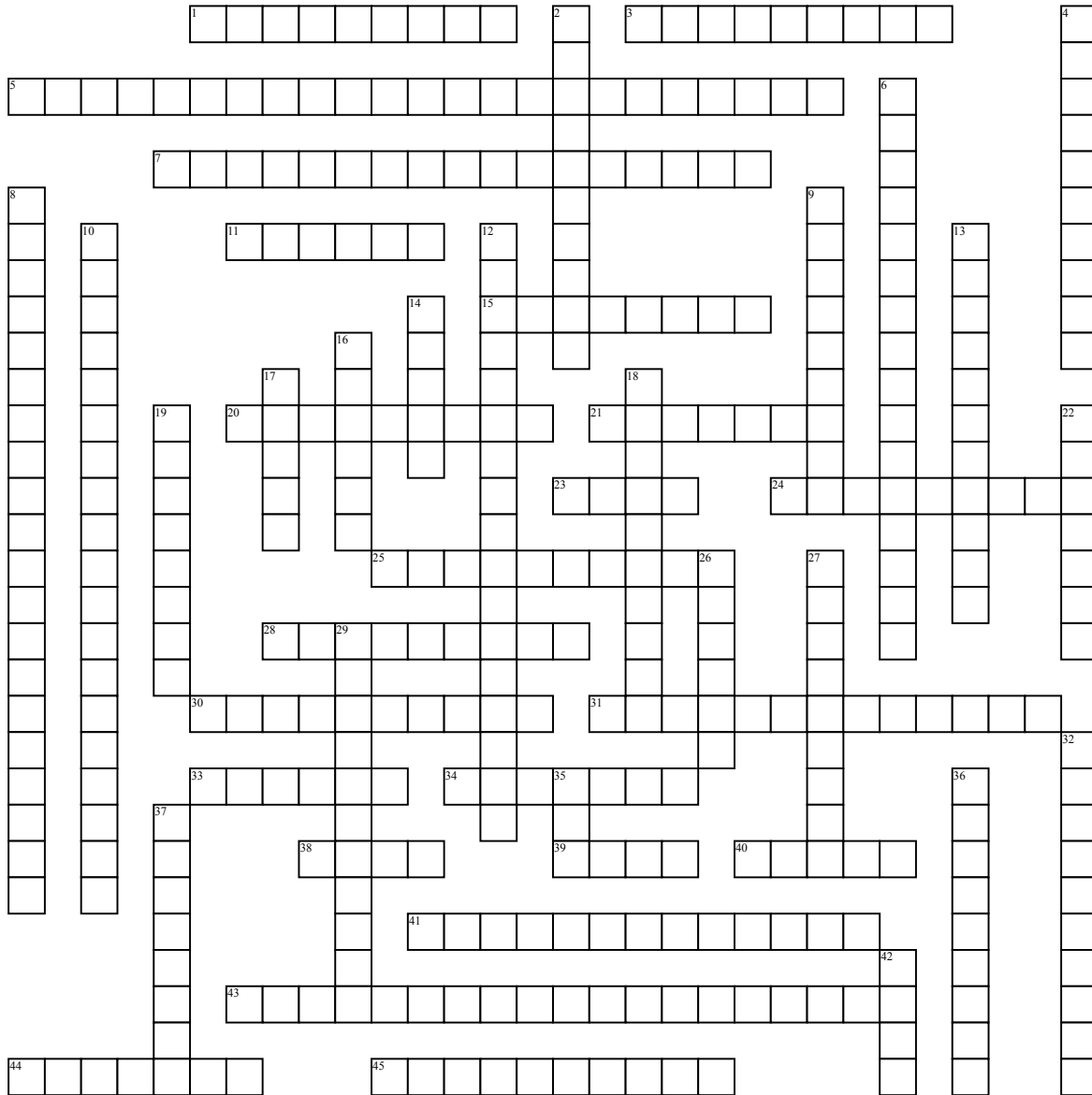


# 7th Grade Science Vocabulary



**Across**

- 1. Interaction between two different organisms living in close physical association, typically to the advantage of both
- 3. The emission of energy as electromagnetic waves or as moving subatomic particles
- 5. The range of wavelengths or frequencies over which electromagnetic radiation extends
- 7. A variable in which the value depends on the other
- 11. Not able to see through; not transparent
- 15. An organism that is on the first level of a food chain
- 20. The processes by which food is grown or produced, sold, and eventually consumed.
- 21. The natural home or environment of an organism
- 23. An animal that is hunted and killed by another for food
- 24. The maximum extent of a vibration or oscillation, measured from the position of equilibrium
- 25. A scientific procedure that is done to gain information
- 28. Symbiosis that is beneficial to both organisms involved
- 30. An organism that decomposes organic material
- 31. A form of energy due to the motion of particles, with motion being key
- 33. The amount, level, or extent to which something happens or is present
- 34. The branch of biology that deals with the relations of organisms to one another and to their physical surroundings
- 38. Statistics collected for reference or analysis

- 39. The transport of energy without the transport of matter
  - 40. The SI unit of frequency
  - 41. Can determine which species of organisms will survive in a given environment
  - 43. A variable whose variation does not depend on that of another
  - 44. Either of two units of heat energy
  - 45. A small, dispersed amount of something
- Down**
- 2. The process or action by which one thing absorbs or is absorbed by another
  - 4. The throwing back by a body or surface of light, heat, or sound without absorbing it
  - 6. A wave vibrating in the direction of propagation
  - 8. When one form of energy turns into another form of energy
  - 9. A biological community of interacting organisms and their physical environment
  - 10. The part of the invisible spectrum that is contiguous to the red end of the visible spectrum
  - 12. Information acquired by observation or experimentation
  - 13. The action of watching something for information
  - 14. The role a species has in its environment
  - 16. A substance that makes possible the transfer of energy from one location to another, especially through waves

- 17. A three-dimensional representation of a person or thing
- 18. The distance between two peaks of a wave
- 19. Organisms that either eat decaying matter or other carnivores
- 22. A group of living organisms
- 26. A supposition or a system of ideas intended to explain something
- 27. A thing or substance used for insulation
- 29. The degree or intensity of heat present in a substance or object
- 32. A proposed explanation made on the basis of limited evidence as a starting point for further investigation
- 35. A statement of fact, deduced from observation
- 36. The distance a wave travels per unit time
- 37. Any animal or other organism that hunts and kills other organisms
- 42. The quality of being hot; high temperature