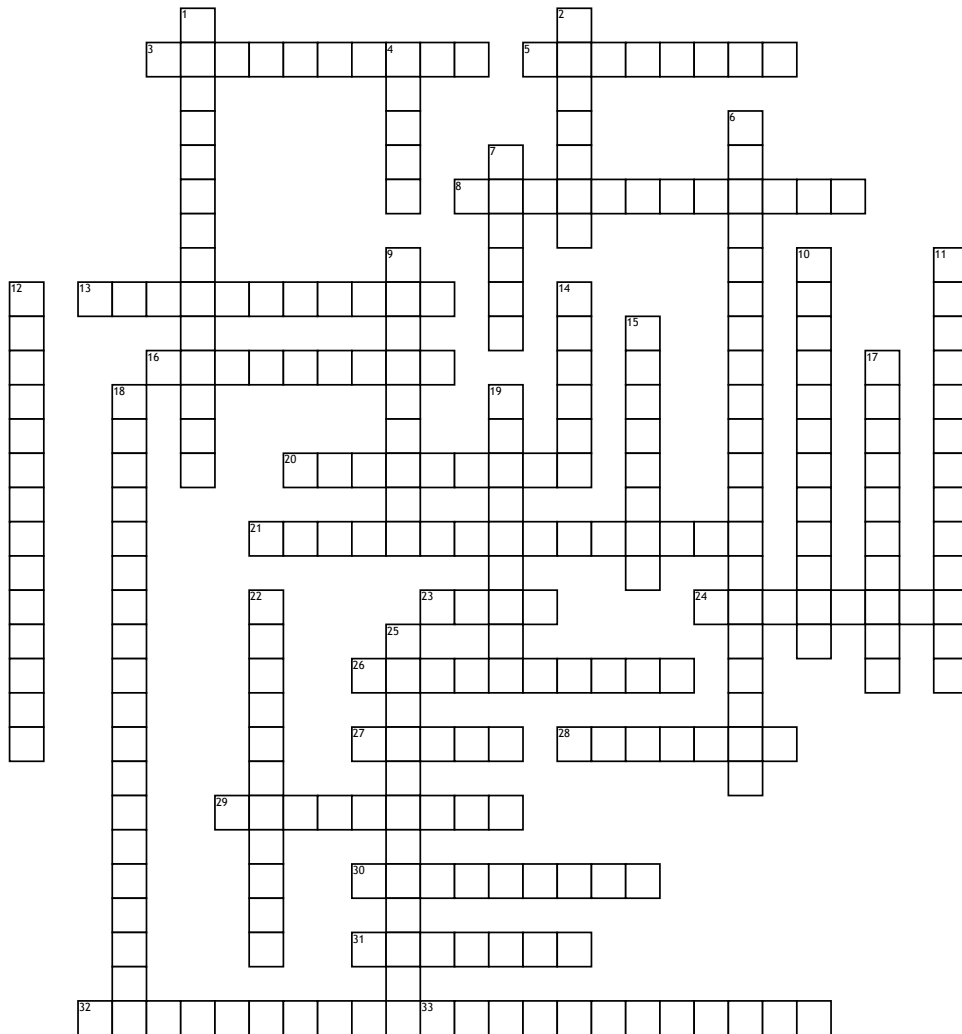


# Cells and Organelles



- Across**
- 3. All living things are made of cells, cells are the basic unit of life, each cell in an organism has a specific job, and cells come from existing cells.
  - 5. Organelle that contains digestive enzymes.
  - 8. The organelle that provides energy for the cell.
  - 13. A group of organs that accomplish related tasks.
  - 16. A multi-cellular organism containing membrane-bound organelles.
  - 20. The region within the cell membrane including the fluid, cytoskeleton, and organelles.
  - 21. The double membrane that surrounds the nucleus of eukaryotic cell.
  - 23. The smallest unit that can perform all life processes.
  - 24. The site of protein synthesis.
  - 26. A structure in the nucleus make up of DNA and protein.
  - 27. Site of production and packaging of cellular materials.
  - 28. Controls all cellular functions.
  - 29. The part of a nucleus where ribosomes are made.
  - 30. Found within chloroplasts to help with photosynthesis.
  - 31. An organelle of plant cells that performs specific functions.
  - 32. A small body found in the cytoplasm of a cell.
  - 33. Site of photosynthesis in plant cells.
- Down**
- 1. Contains water and other nutrients in plant cells.
  - 2. The liquid portion of the cytoplasm, including molecules and small particles.
  - 4. A collection of tissues that carry out a specific function of the body.
  - 6. Site of production, processing, and transport of proteins.
  - 7. A group of similar cells that perform a common function.
  - 9. An organelle that is active during mitosis.
  - 10. Supports cell movement and shape.
  - 11. A fiber in the cytoplasm composed of the protein actin.
  - 12. Synonym for cell membrane.
  - 14. A hair-like structure that projects from the surface of some cells.
  - 15. A rigid structure that surrounds the cell membrane and provides support.
  - 17. A single-cellular organism that has no nucleus or organelles.
  - 18. A double layer of phospholipids that makes up plasma and organelle membranes.
  - 19. A long, hair-like structure that grows out of a cell and helps the cell move.
  - 22. A small, tubular fiber composed of protein.
  - 25. Gives plants their green color.

## Word Bank

Cell	Plastid	Eukaryote	Endoplasmic Reticulum	Chlorophyll
Centriole	Cell Wall	Nucleolus	Chloroplasts	Nucleus
Phospholipid Bilayer	Cell Theory	Prokaryote	Cilium	Cytosol
Cytoskeleton	Golgi	Organ	Plasma membrane	Flagellum
Organelle	Organ System	Nuclear Envelope	Tissue	Microtubule
Ribosome	Lysosome	Microfilament	Mitochondria	Thylakoid
Central Vacuole	Cytoplasm	Chromosome		