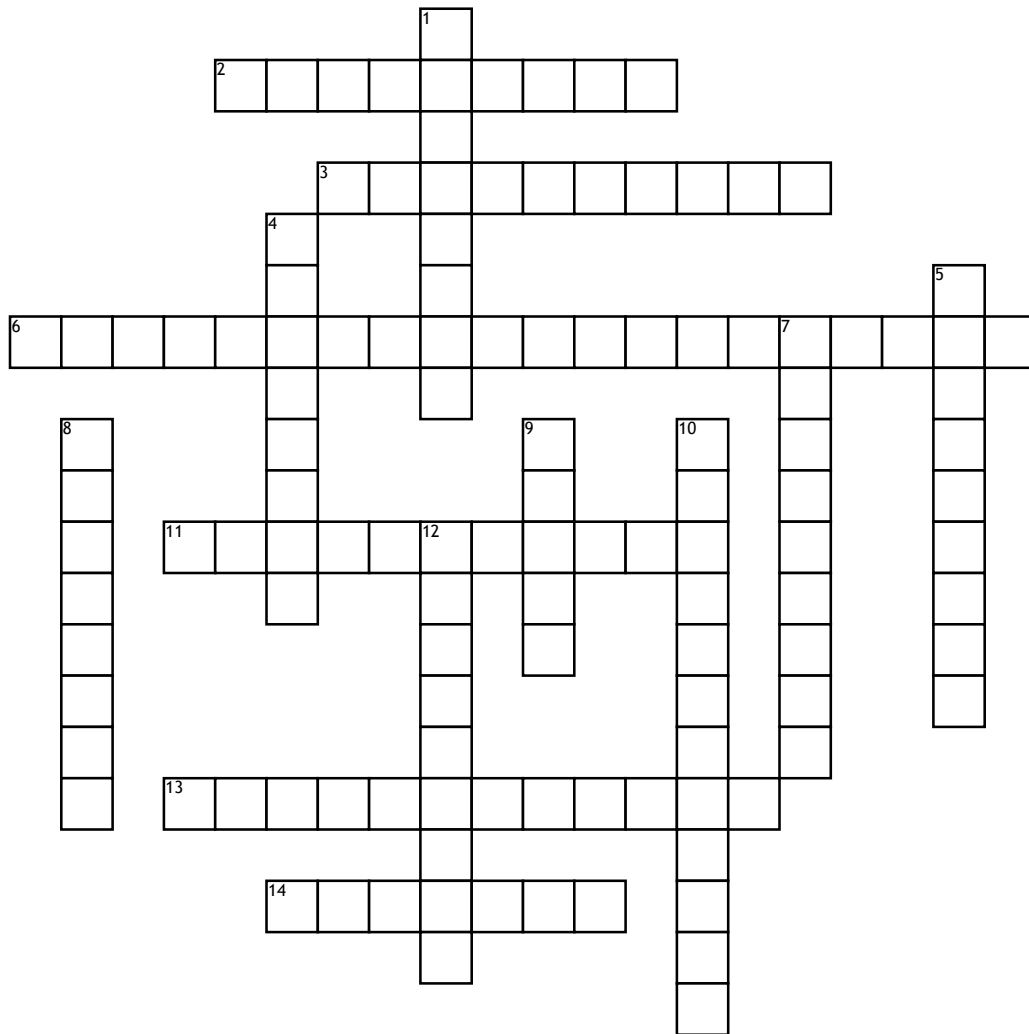


# Cells word puzzle.



**Across**

- 2. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport.
- 3. a microscopic single-celled organism that has neither a distinct nucleus with a membrane nor other specialized organelles.
- 6. a network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane
- 11. a plastid that contains chlorophyll and in which photosynthesis takes place.

- 13. the semipermeable membrane surrounding the cytoplasm of a cell.

- 14. the central and most important part of an object,

**Down**

- 1. a minute particle consisting of RNA and associated proteins found in large numbers in the cytoplasm of living cells.
- 4. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria.
- 5. an organism consisting of a cell or cells in which the genetic material is DNA in the form of chromosomes contained within a distinct nucleus

- 7. the material or protoplasm within a living cell, excluding the nucleus.
- 8. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.
- 9. What does every organism have?
- 10. membrane-bound cell organelles that generate most of the chemical energy needed to power the cell's biochemical reactions.
- 12. a subcellular structure that has one or more specific jobs to perform in the cell, much like an organ does in the body.

**Word Bank**

- |                       |              |           |            |
|-----------------------|--------------|-----------|------------|
| chloroplast           | lysosome     | ribosome  | organelle  |
| prokaryote            | Cells        | cytoplasm | nucleus    |
| endoplasmic reticulum | cell wall    | eukaryote | golgi body |
| cell membrane         | mitochondria |           |            |