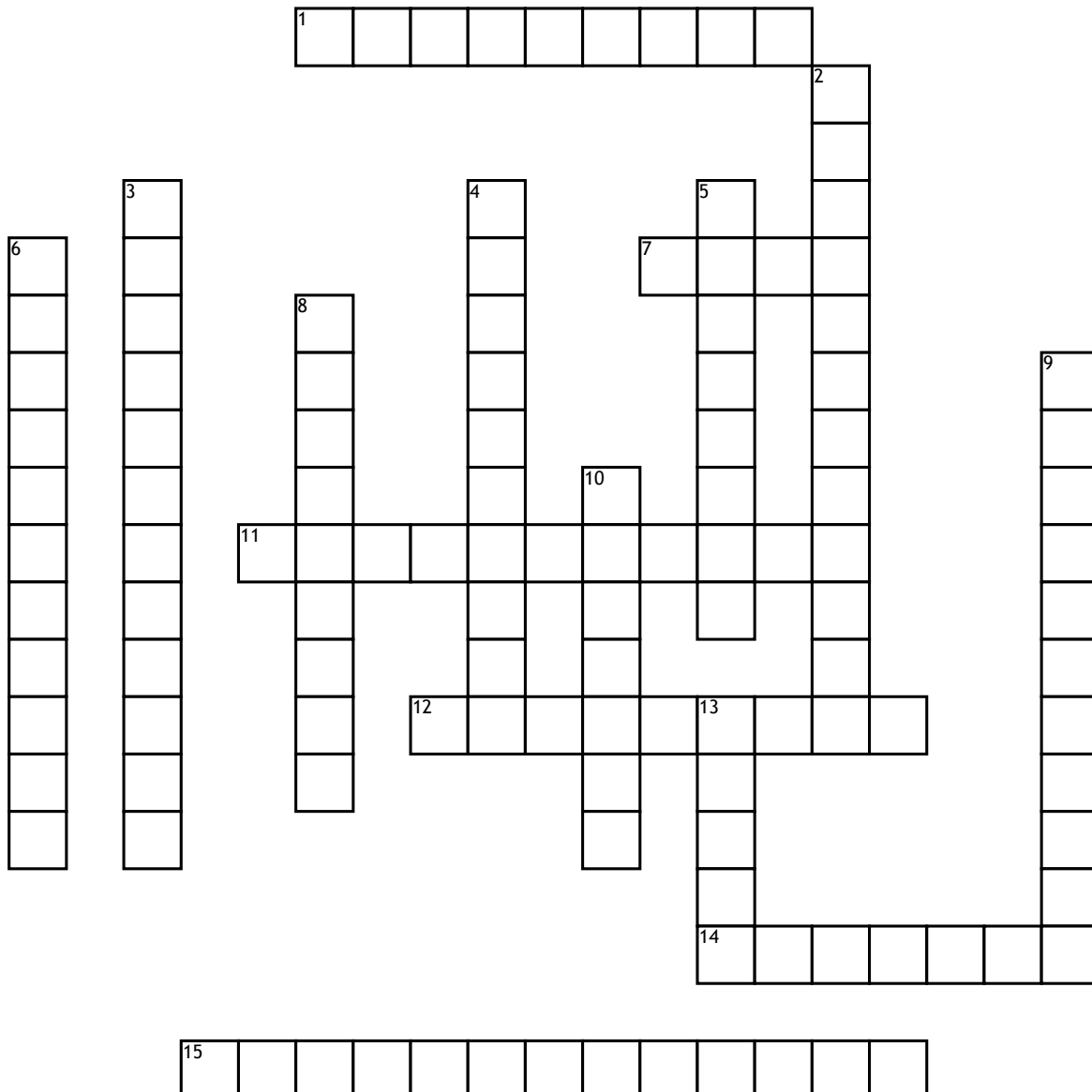


# Science vocab



## Across

1. a minute particle consisting of RNA and associated proteins found in large numbers in the cytoplasm of living cells.

7. the smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane.

11. made up by one cell

12. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.

14. the central and most important part of an object, movement, or group, forming the basis for its activity and growth.

15. made up of many cells

## Down

2. the semipermeable membrane surrounding the cytoplasm of a cell.

3. the powerhouse of the cell :o

4. the theory that all living cells arise from pre-existing cells by division

5. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria.

6. a green pigment, present in all green plants and in cyanobacteria, responsible for the absorption of light to provide energy for photosynthesis.

8. an individual animal, plant, or single-celled life form.

9. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport

10. a simple sugar which is an important energy source in living organisms and is a component of many carbohydrates

13. a part of an organism that is typically self-contained and has a specific vital function, such as the heart or liver in humans.