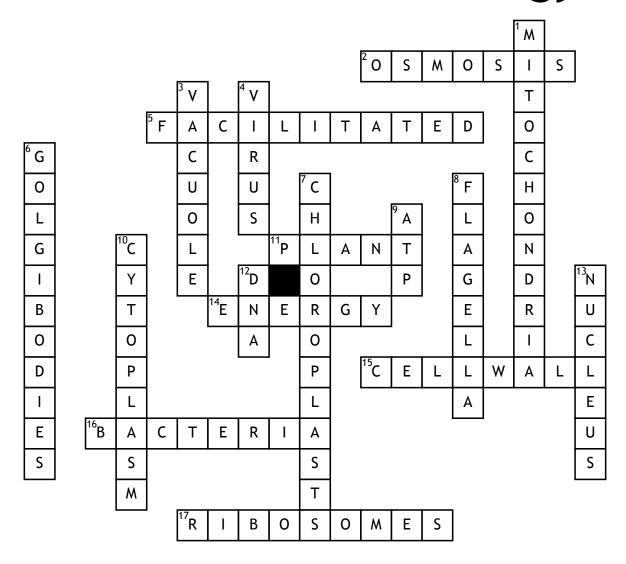
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Introduction to Biology



Across

- **2.** The movement of water from an area of high water concentration to low water concentration.
- **5.** A specific type of diffusion which employs the use of protein channels.
- 11. Animal, fungi and cells are all eukaryotic cells.
- **14.** Active transport is the only transport mechanism that requires ______.
- **15.** Structure common to plant, bacteria and fungi cells.

- 16. A prokaryotic organism.
- 17. Rough endoplasmic reticulum is classed as 'rough' due to the presence of

<u>Down</u>

- 1. Organelle that provides energy for the cell to use.
- **3.** Plant organelle that stores wastes, water and other materials.
- **4.** A particle composed of genetic material that is capable of causing illness.

- **6.** Structures responsible for packaging materials and exporting them out of the cell.
- **7.** Organelles responsible for photosynthesis.
- **8.** Structure that enables a cell to move.
- **9.** Adenosine Triphosphate is abbreviated to _____ and is the energy utilized by cells.
- **10.** A feature common to prokaryotic and eukaryotic cells.
- **12.** Form of genetic material found in cells.
- **13.** Organelle that contains the genetic information in a cell.