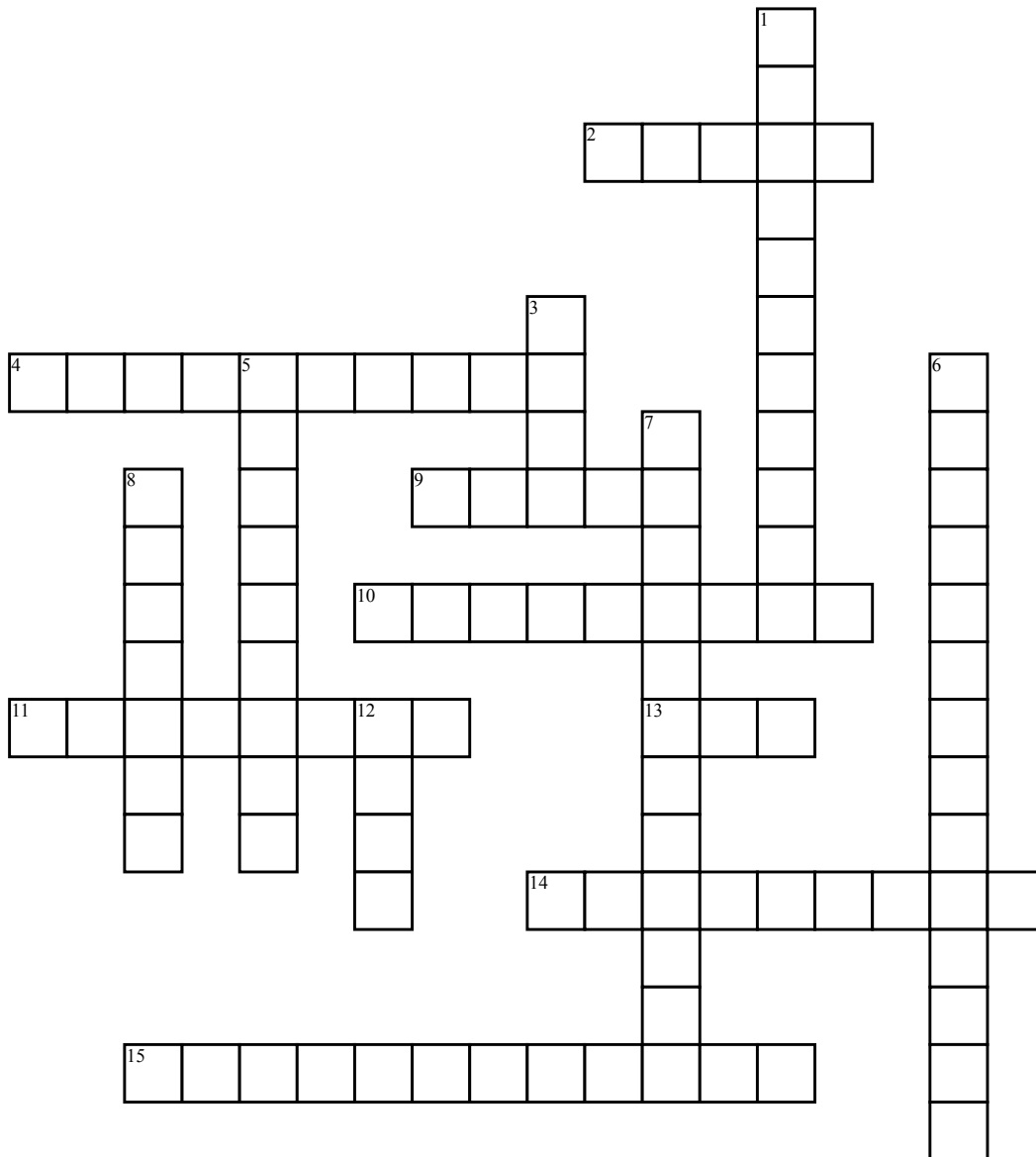


Cells and Microscopes



Across

- 2.** The male reproductive cell. Fertilises the egg cell.
- 4.** Instrument used to see objects that are too small to be seen by the naked eye.
- 9.** Where the microscope slide is placed
- 10.** I contain the organelles of the cell. I am the site of chemical reactions.
- 11.** A lens at the top of the microscope that you look through, usually at 10x power

- 13.** Female reproductive cell. If fertilised it develops into an embryo
- 14.** Cells adapted to carry messages around the body
- 15.** Cell with a large surface area adapted to carry Oxygen

Down

- 1.** Carries the genetic information contained in the nucleus
- 3.** Huge population of identical cells and an endless source of identical cells

- 5.** A lens used to increase the magnification of the cell. In a microscope there will usually be 3 that provide different levels of magnification
- 6.** Hela cells originated from me, harvested from my tumour cells.
- 7.** Surrounds the cell and controls the movement of substances in and out of the cell.
- 8.** An organelle within the cell which contains the genetic materials of the cell. It's also controls the activities of the cell
- 12.** The smallest unit of life