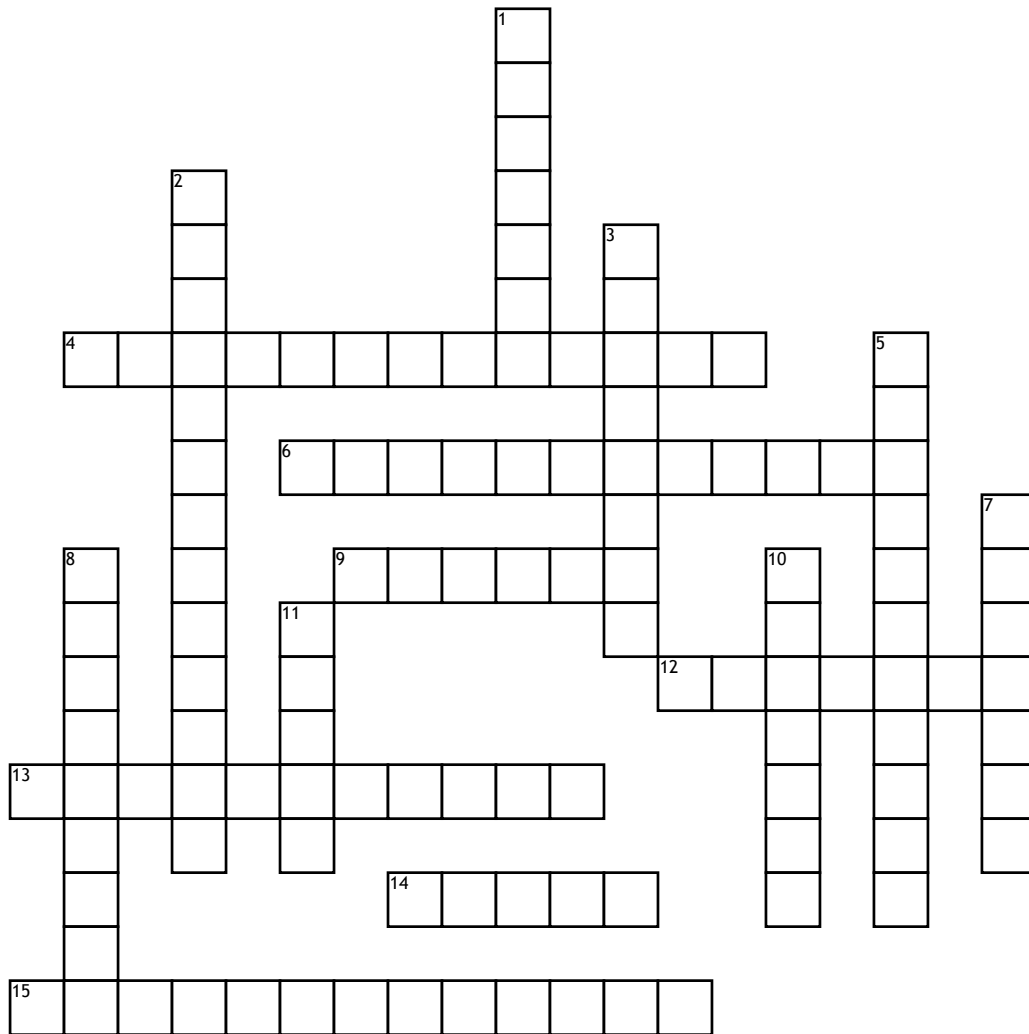


# Biological Molecules Crossword



**Across**

- 4. These molecules provide our bodies with a quick source of energy.
- 6. This is the type of lipid that forms your cell membranes.
- 9. A vast majority of all proteins are this type of molecule, which do work in cells.
- 12. Lipids provide the body with long term energy \_\_\_\_\_.
- 13. The subunit or monomer of DNA and RNA is called a \_\_\_\_\_.
- 14. This biological molecule is found in foods like butter and oil.

- 15. A function of lipids is as a major component of your \_\_\_\_\_.

**Down**

- 1. A single unit that is connected to make a polymer is called a \_\_\_\_\_.
- 2. \_\_\_\_\_ is another name for biological molecules which is used in reference to their large size.
- 3. Amino acids contain carbon, oxygen, hydrogen and \_\_\_\_\_.

- 5. Based on the molecules contained in the oily portion of its molecules, lipids are also called \_\_\_\_\_ chains.

- 7. Nucleic acids store \_\_\_\_\_ information.

- 8. What is a carbohydrate polymer found in plants that humans cannot digest?

- 10. Amino acid monomers are connected to build a \_\_\_\_\_.

- 11. Estrogen, testosterone and steroid molecules are a type of this biological molecule.

**Word Bank**

- |              |           |             |                |               |
|--------------|-----------|-------------|----------------|---------------|
| storage      | nitrogen  | genetic     | enzyme         | carbohydrates |
| lipid        | lipid     | hydrocarbon | cell membranes | protein       |
| phospholipid | cellulose | monomer     | nucleic acid   | macromolecule |