

CHAPTER 7 THE CHEMISTRY OF LIFE

Review the Key Terms

Some of the Chapter 7 key terms are listed below. Review the definitions of these words. Then use the clues to complete the puzzle. The letters in the dark boxes will make up three words that tell you what you are studying in Chapter 7.

base

carbohydrate (car boh HI drayt)

cellulose (SEL yew loh) protein

disaccharide (di SAK uh ride)

enzyme

hydrogen bond

metabolism (muh TAB uh lihz um)

nucleic acid

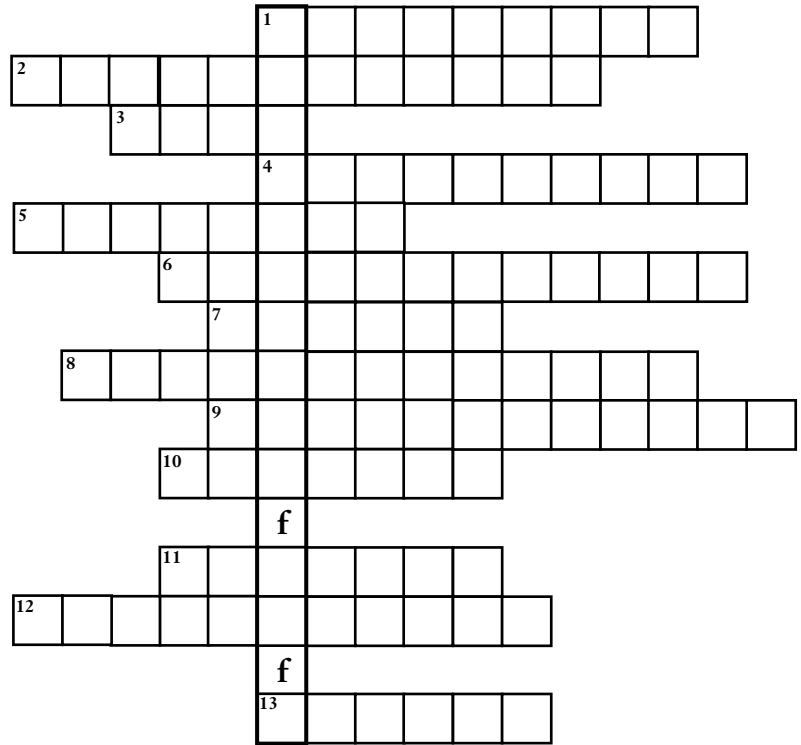
polar molecule

polymer

protein

solution

starch



1. polymer of glucose found in the cell walls of plants
2. compound used by cells to store and release energy
3. substance that forms hydroxide ions in water
4. all the chemical reactions that occur in an organism
5. mixture in which a substance dissolves into another substance
6. two simple sugars linked together
7. chains of glucose used to store food in plants
8. molecule with a positive end and a negative end
9. weak bond formed between hydrogen and other atoms
10. polymer made of amino acids that is essential to all life
11. large molecule made of many smaller molecules bonded together
12. large molecule that stores information in cells
13. protein that speeds up a chemical reaction