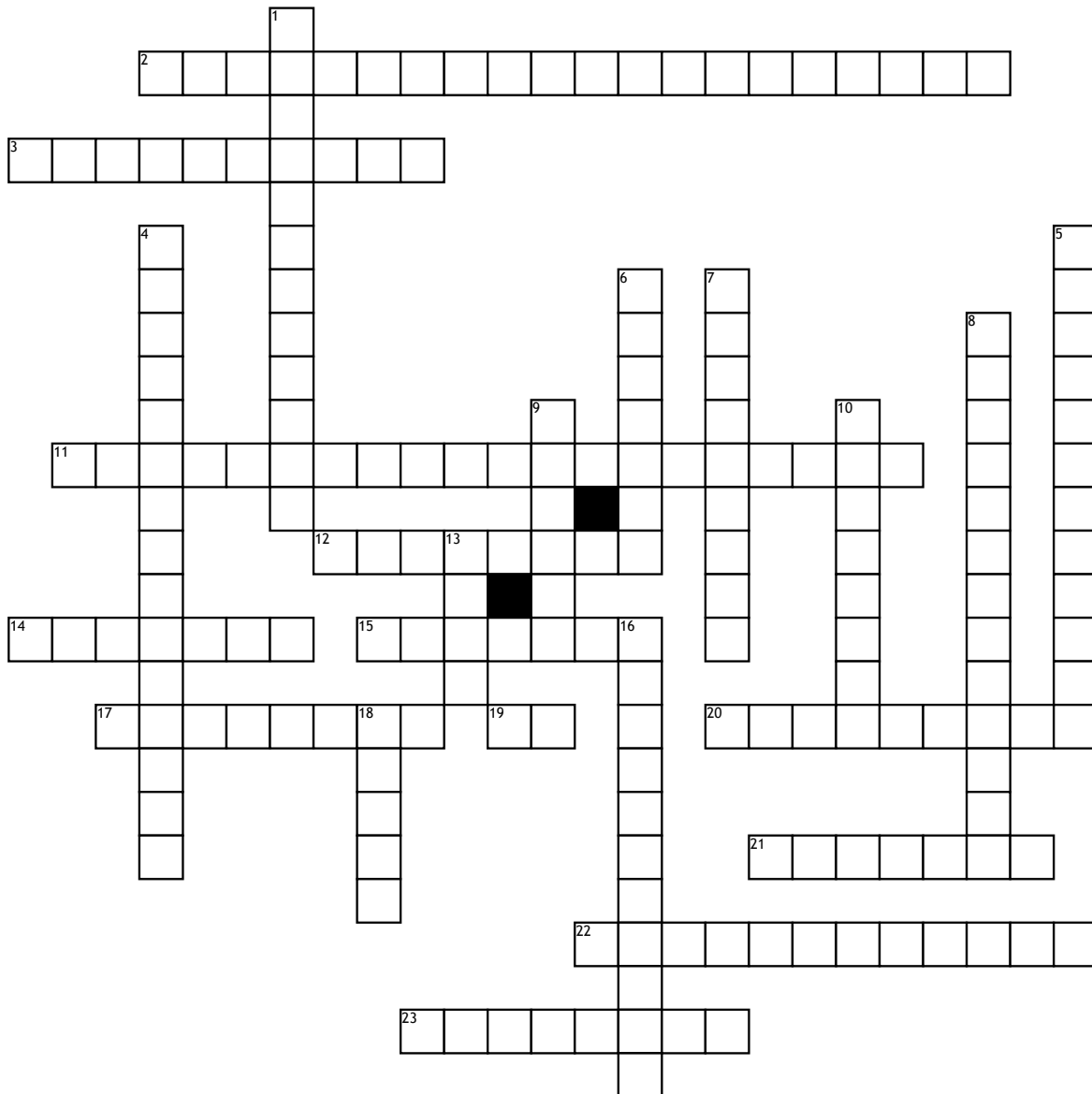


Biology Vocabulary



Across

2. the process of joining two molecules, or compounds, together following the removal of water.
 3. another term for sugar
 11. the conversion of a vapor or gas to a liquid.
 12. a substance that increases the rate of a chemical reaction
 14. a substance that has a molecular structure consisting chiefly or entirely of a large number of similar units bonded together
 15. a nutrient found in food
 17. a group of atoms bonded together
 19. a measure of acidity and alkalinity of a solution
 20. a simple organic compound containing both a carboxyl (–COOH) and an amino (–NH₂) group.

21. a molecule that can be bonded to other identical molecules to form a polymer.

22. any of a large group of organic compounds occurring in foods and living tissues

23. the action or process of adhering to a surface or object.

Down

1. a weak bond between two molecules resulting from an electrostatic attraction between a proton in one molecule and an electronegative atom in the other.

4. A model for enzyme-substrate interaction

5. a chemical bond that involves the sharing of electron pairs between atoms.

6. a part or aspect of something abstract

7. A chemical bond formed between two ions with opposite charges

8. a molecule containing a very large number of atoms

9. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction.

10. the action or fact of forming a united whole.

13. the basic unit of a chemical element.
 16. a complex organic substance present in living cells

18. any of a class of organic compounds that are fatty acids or their derivatives and are insoluble in water but soluble in organic solvents.