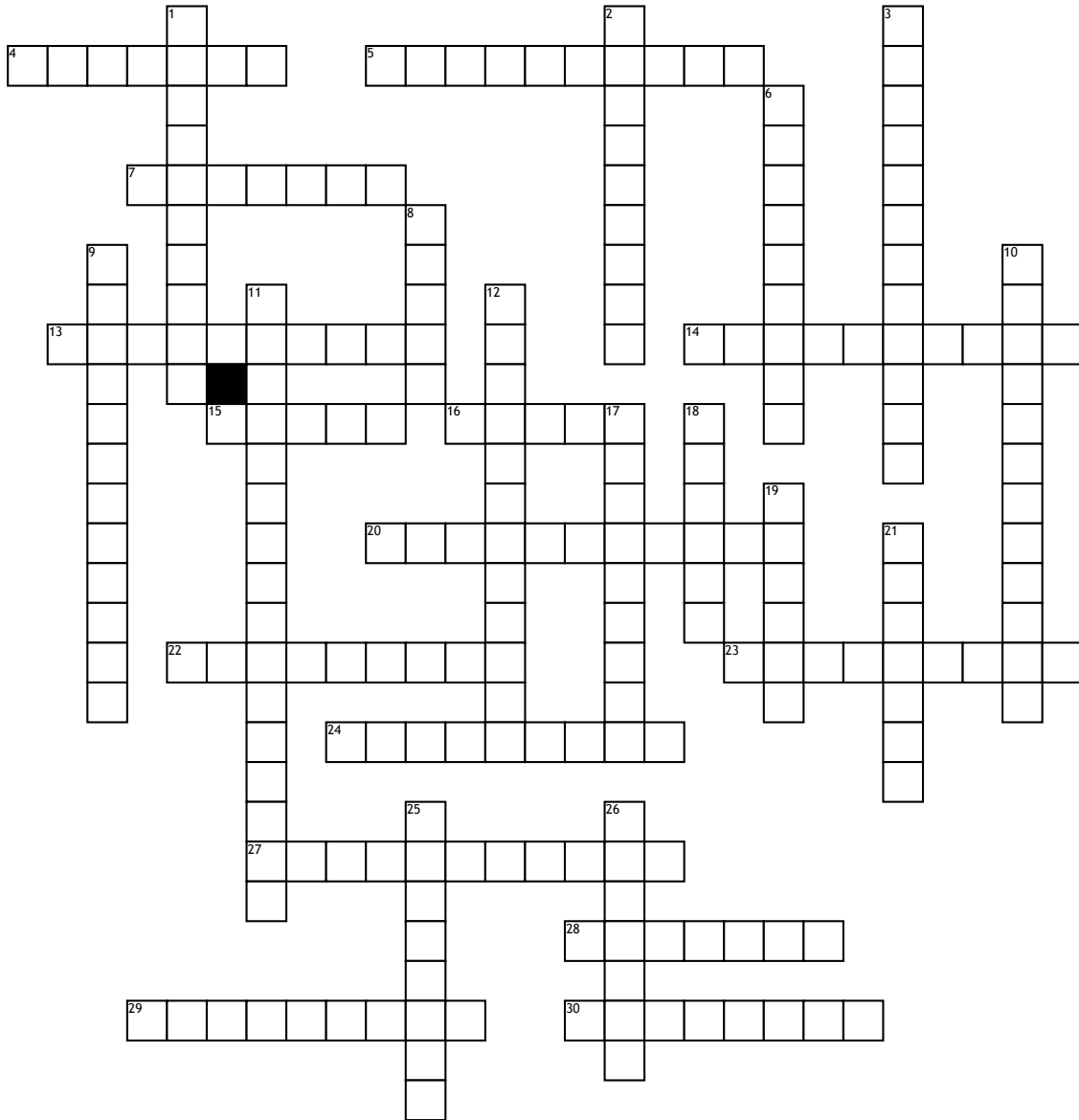


STAAR Review



Across

4. result of an action or process
5. cellular respiration cycle that uses oxygen in the mitochondria
7. cellular respiration that requires oxygen
13. a forecast based off experience or previous knowledge
14. single-celled organism with no nucleus and no membrane bound organelles
15. hereditary information that is passed down from parent to offspring
16. the scientist who coined the term "cell"
20. intake of oxygen and release of carbon dioxide
22. small dense spherical structure in the nucleus of a cell during interphase
23. simple organic compound and monomers for proteins
24. the organelle that makes proteins

27. watching something in order to gain information

28. large molecule

29. the process of cellular respiration that doesn't require oxygen

30. found outside the cell membrane on a plant cell

Down

1. basic building blocks of DNA and RNA
2. the jelly like substance that holds all of the organelles
3. the semipermeable membrane surrounding the cytoplasm of a cell
6. site of the light-dependent reaction of photosynthesis
8. stack of thylakoids embedded in the stroma of a chloroplast
9. cellular respiration that doesn't require oxygen but not the same as anaerobic respiration

10. the power house of the cell and carries our cellular respiration

11. the method or procedure used in science to carry out an experiment

12. the plant organelle in which photosynthesis takes place

17. type of cell that has a nucleus and membrane bound organelles

18. fatty acids like oils waxes and steroids

19. a substance produced by a living organism which acts as a catalyst to accelerate reaction

21. cell division that results in two daughter cells

25. the scientist that did an experiment on mice and found that bacteria can change its function through transformation

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