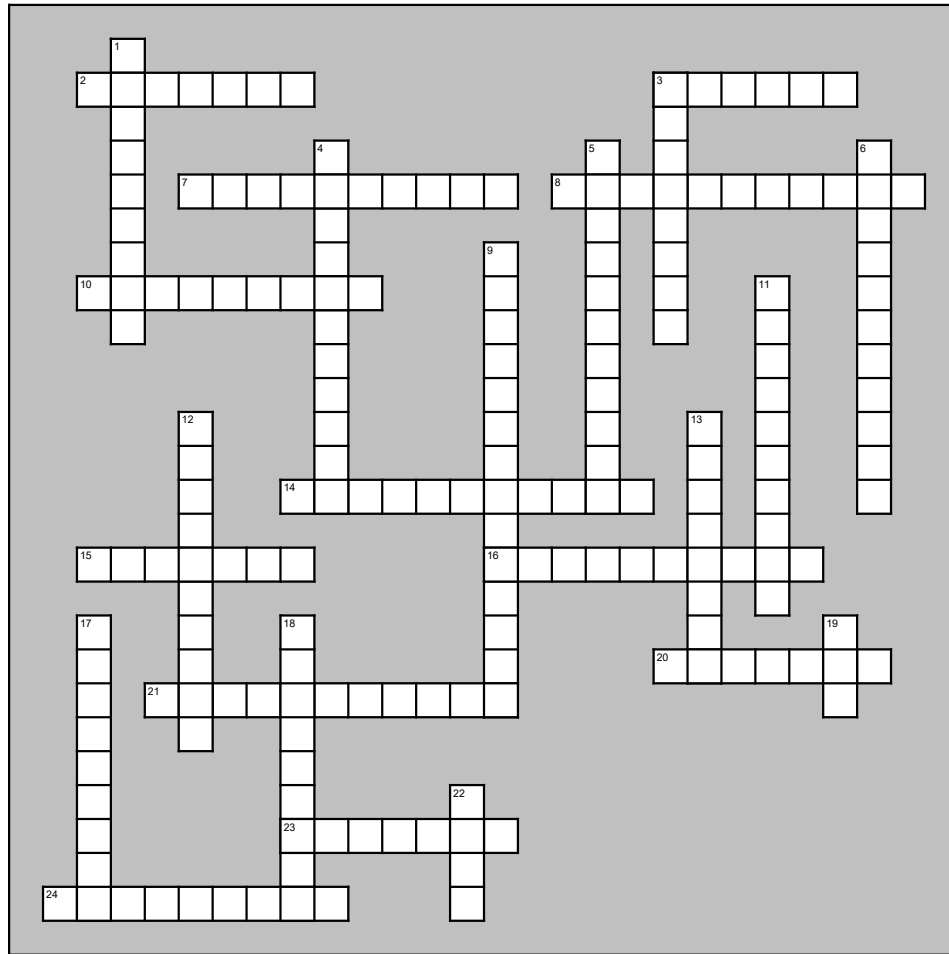


Crossword



Across

2. The aspects of an experiment that do not change and are not tested for. Usually the independent variable.
3. Substantiated and repeated experimental evidence that forms a recognizable pattern explaining the observations.
7. Process by which an organism extracts energy from its surroundings and uses it to sustain itself.
8. Act as recyclers of matter by eating the dead remains of another organism to obtain energy. Fungi.
10. Organisms that use photosynthesis to produce its own energy source. Plants.
14. Variable that is manipulated in a controlled experiment. Establishes the relationship between variables.
15. Study of life, organisms, and interactions with their environment.
16. Possible solution to a problem or question based on accurate observation. "If-then" statements without evidence or proof.
20. Organisms ___ to environmental stimuli which is controlled by receptors.
21. Process that maintains a stable internal environment within organisms. Water balance, temperature regulation, pH stability.
23. Prokaryotes living in extreme environments.
24. Variable that is observed for change in a controlled experiment.

Down

1. Organisms that use a producer or other ___ for its energy source. Herbivores, omnivores, carnivores.
3. Arranging organisms into orderly groups based on similarities for easier classification.
4. First step of scientific process. Ask questions, collect data, use senses. Organize data.
5. Process by which animals or plant use sugar molecules to make energy molecules for life.
6. Simpler "cells" (e.g. bacteria) without a nucleus.
9. Series of chemical reactions in which plants use light energy from the sun to produce sugar molecules (food).
11. Cells with internal organelles, nuclei. e.g. animals, plants, fungi, protists.
12. All the individuals of a species living in a specific area. These combine to form communities.
13. Valid conclusions need this to support the statements.
17. Largest level of organization that includes all ecosystems and environments on earth.
18. sun ... producers ... consumers ... decomposers.
19. Chemical substance of genes, the units of inheritance and transmission of genetic information. Controls cell function and organisms.
22. The fundamental unit of life. Make up tissues, organs, systems, and organisms.