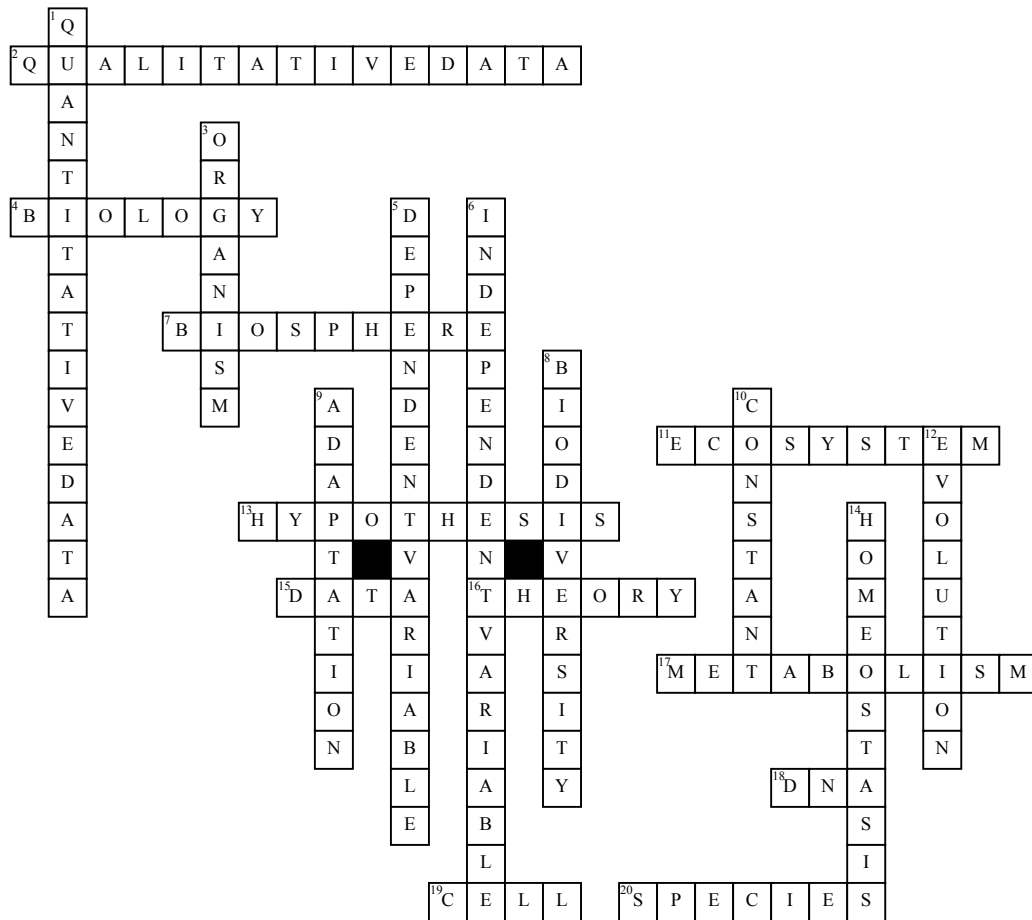


Quiz 1 (Sections 1.1-1.3)



Across

2. Information about qualities; information that can't actually be measured.
4. Scientific study of all forms of life.
7. All organisms and the part of earth where they exist.
11. Collection of all organisms and non-living things such as climate, soil, water, and rocks in an area.
13. Proposed explanation or answer to a scientific question.
15. Observations and measurements recorded during an experiment.
16. Proposed explanation for a wide variety of observations and experimental results.

17. All chemical processes that synthesis or break down materials within an organism.
18. Molecule that stores all genetic information and all organisms.
19. Basic unit of life.
20. Group of organisms so similar to one another that they can breed and produce fertile offspring.

Down

1. Denoting or expressible as quantity, relating to the proportionate quantities or to the amount of the constituents of a compound.
3. Any individual living thing.

5. Experimental data collected through observation and measurement.
6. Condition or factor that is manipulated by a scientist during an experiment.
8. A variety of life within an area.
9. Inherited trait that is selected for over time because it allows organisms to better survive in their environment.
10. Condition that is controlled so that it does not change during an experiment.
12. Change in species over time; process of biological change by which descendants come to differ from their ancestors.
14. Regulation and maintenance of constant internal conditions in an organism.

Word Bank

Adaptation	Dependent Variable	Theory	Quantitative Data	Constant
Biosphere	Biodiversity	Cell	Qualitative Data	Hypothesis
Ecosystem	Organism	Independent Variable	DNA	Metabolism
Biology	Species	Homeostasis	Data	Evolution