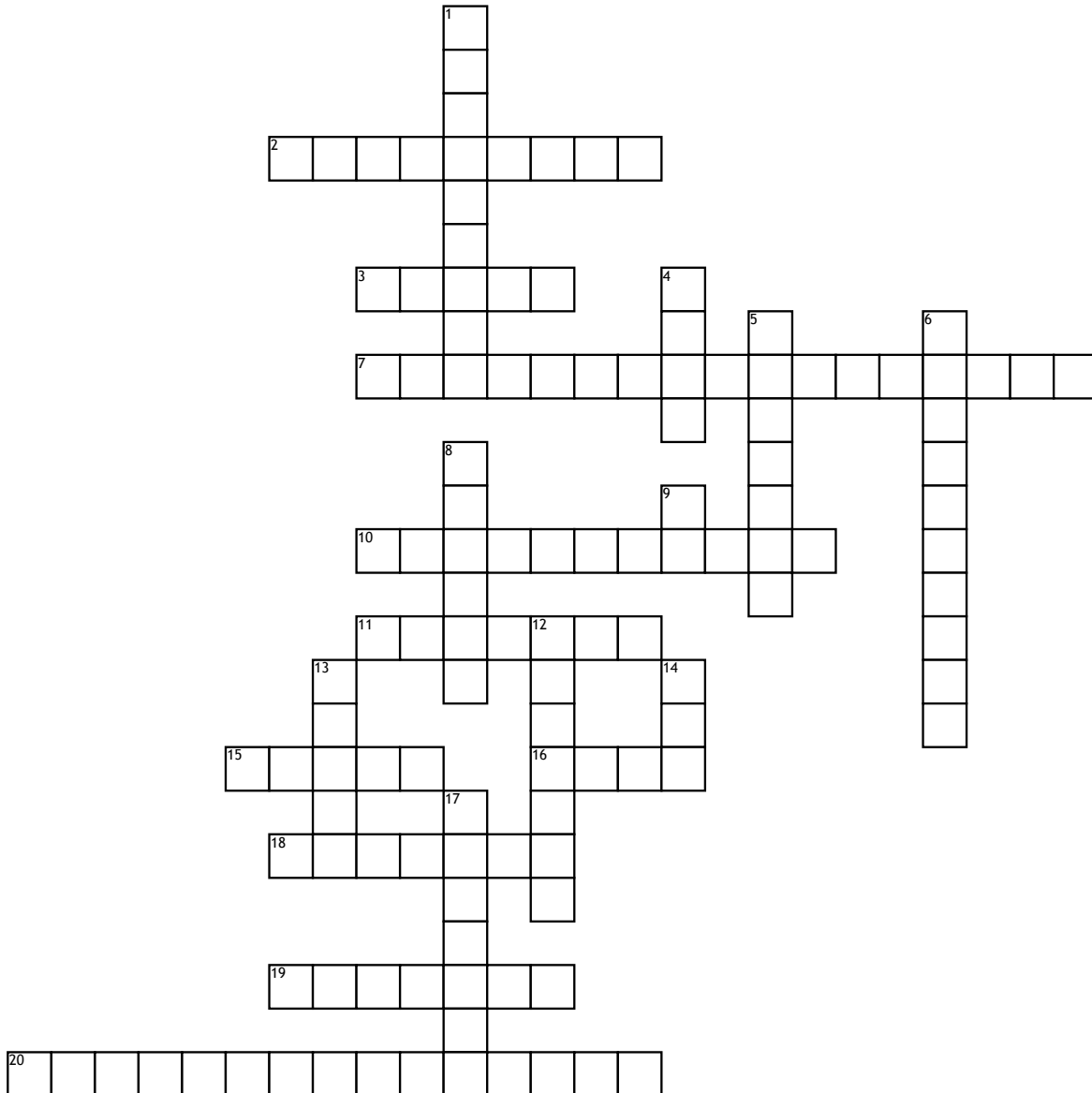


Biology EOC Vocab



Across

2. the material or protoplasm within a living cell, excluding the nucleus.
 3. the specific area or role / function of an organism or species has in an ecosystem.
 7. a solution in which the solvent is water.
 10. a green pigment, present in all green plants and in cyanobacteria, responsible for the absorption of light to provide energy for photosynthesis
 11. able to be dissolved, especially in water.
 15. a colorless unstable toxic gas with a pungent odor and powerful oxidizing properties, formed from oxygen by electrical discharges or ultraviolet light.
 16. messenger RNA.
 18. a type of cell division that results in four daughter cells each with half the number of chromosomes of the parent cell, as in the production of gametes and plant spores.

19. a film two molecules thick, in which each molecule is arranged with its hydrophobic end directed inward toward the opposite side of the film and its hydrophilic end directed outward.
 20. the collection of glands of an organism that secrete hormones directly into the circulatory system to be carried towards distant target organs.

Down

1. the practice of questioning whether claims are supported by empirical research and have reproducibility.
 4. transfer RNA.
 5. a space or vesicle within the cytoplasm of a cell, enclosed by a membrane and typically containing fluid
 6. factors which make populations resistant to evolutionary change.

8. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.
 9. a figure expressing the acidity or alkalinity of a solution on a logarithmic scale on which 7 is neutral, lower values are more acid, and higher values more alkaline.
 12. the total mass of organisms in a given area or volume.
 13. a minute, typically one-celled, reproductive unit capable of giving rise to a new individual without sexual fusion, characteristic of lower plants, fungi, and protozoans.
 14. plural form of ovum.
 17. the tidal mouth of a large river, where the tide meets the stream.