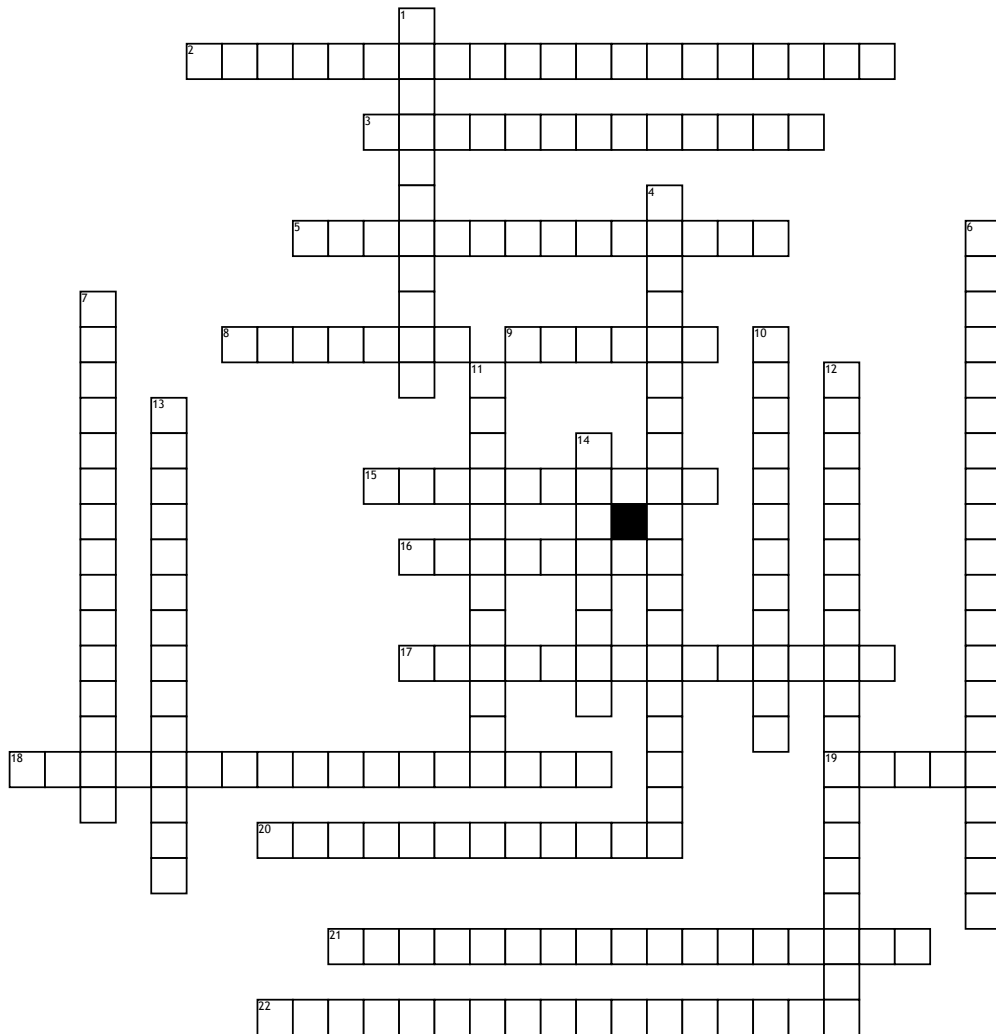


Grade 7 Science Review



Across

- 2. In Human Body from simplest to the most complex: Cell, Tissue, Organ, Organ System.
- 3. When frog eggs hatch into tadpoles, and then tadpoles gradually develop into frogs.
- 5. The process when sunlight is converted into Chemical Energy.
- 8. The movement of water molecules through selectively permeable cell membranes.
- 9. A group of specialized cells that all perform the same function.
- 15. All known living things are made of cells; the cell is the structural and functional unit of all living things; all cells come from pre-existing cells by division; the flow of energy occurs within cells.
- 16. A change in the environment that causes a response is known as this.

- 17. The main function of this group of cells is to cause movement.
 - 18. Contains tiny organelles: vacuole, nucleus, cytoplasm, cell membrane that have the function of carrying out specific functions/activities within the cell.
 - 19. 1. During Plant Reproduction, this enlarges to become a fruit.
 - 20. This process occurs when a cell needs to repair damage; replace aging cells; and for growth.
 - 21. Materials must pass through a cell's semi-permeable membrane in order for energy to be utilized.
 - 22. The enzymes that break down the food during digestion.
- Down**
- 1. This happens when the skin stabilizes the temperature of the body.

- 4. In this biochemical process, the sugar molecules that enter the cell release energy from carbohydrates.
- 6. Consists of the Brain and the Spinal Cord.
- 7. The Skin, Lungs, and Kidneys work together to help eliminate body wastes.
- 10. This plant cell structure captures sunlight to produce sugars.
- 11. This is necessary for an organism to grow and reproduce.
- 12. Amoeba reproduces through Binary Fission.
- 13. A major biochemical process in plants when energy is stored in the form of carbohydrates.
- 14. The main function of this part of the plant cell is to give structural support.

Word Bank

- | | | | |
|--------------------|----------------------|------------------------|------------------------|
| Osmosis | Stimulus | Central Nervous System | Cell Wall |
| Ovary | One-Celled Organism | Photosynthesis | Tissue |
| Cellular Diffusion | Muscular System | Homeostasis | Photosynthesis |
| Chemical Digestion | Cell Division | Chloroplasts | Levels of Organization |
| Cell Theory | Asexual Reproduction | Cell Division | Metamorphosis |
| Excretory System | Cellular Respiration | | |