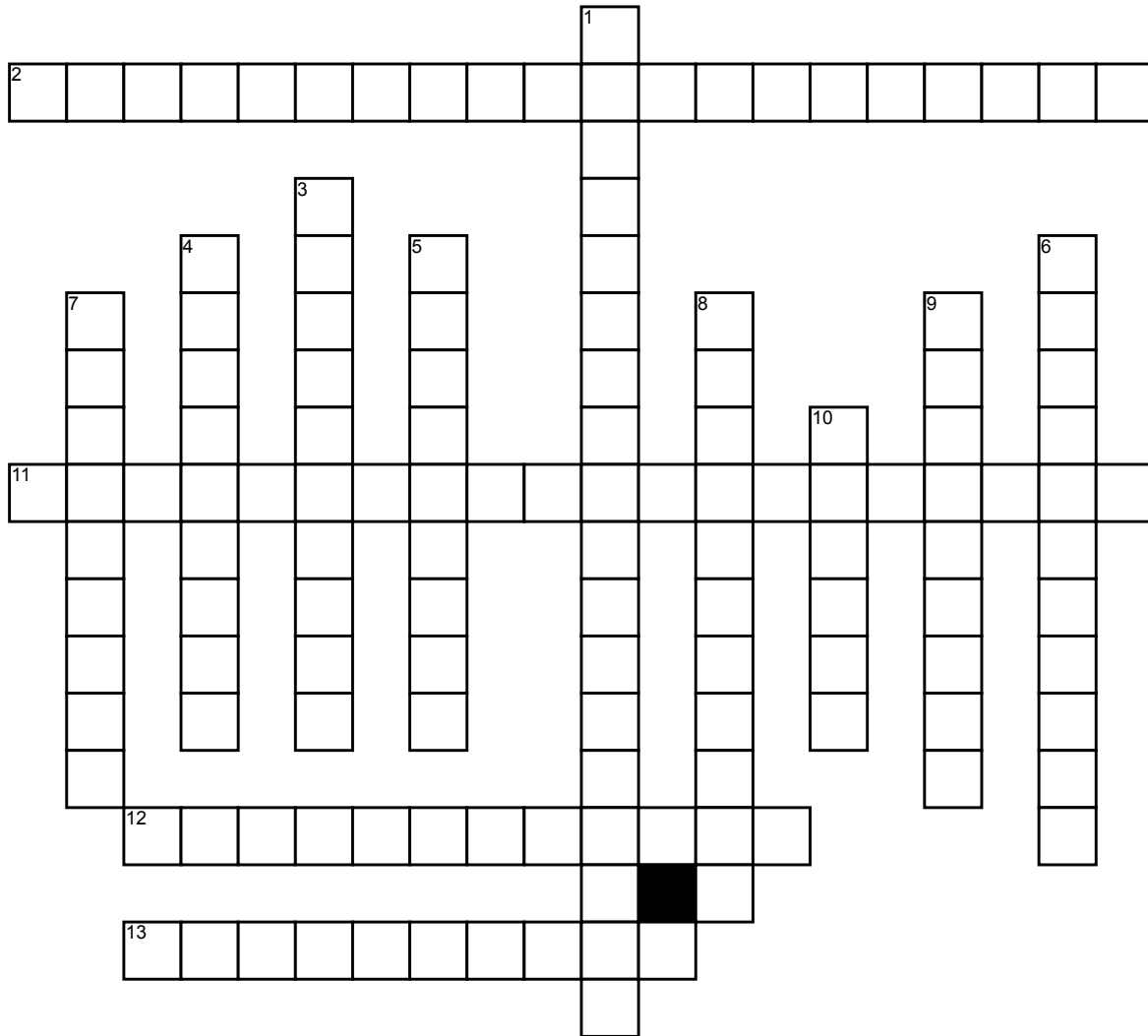


Life Functions Vocabulary



Across

- 2. explains how organisms inherit traits from parent(s). Inherited traits are determined by DNA
- 11. respiration in the absence of oxygen
- 12. results in the production of new individuals
- 13. involves the control and coordination of of the life functions

Down

- 1. respiration in the presence of oxygen
- 3. all chemical activities that an organism must carry on to sustain life

- 4. includes all activities involved in the elimination of cellular waste products from the organism
- 5. includes the activities involved in ingestion, digestion, and egestion
- 6. the maintenance of a stable internal environment in spite of changes in the external environment
- 7. involves the absorption of materials into the body fluids or through the cell membranes and the circulation, or distribution of the materials to all the cells of the organisms

- 8. includes the chemical activities that release energy from organic molecules for use by the cell. During this process glucose is broken down and energy is stored in the compound ATP
- 9. chemical reactions in which small molecules combine to form larger ones
- 10. an increase in size brought by the increase in cell size and cell number