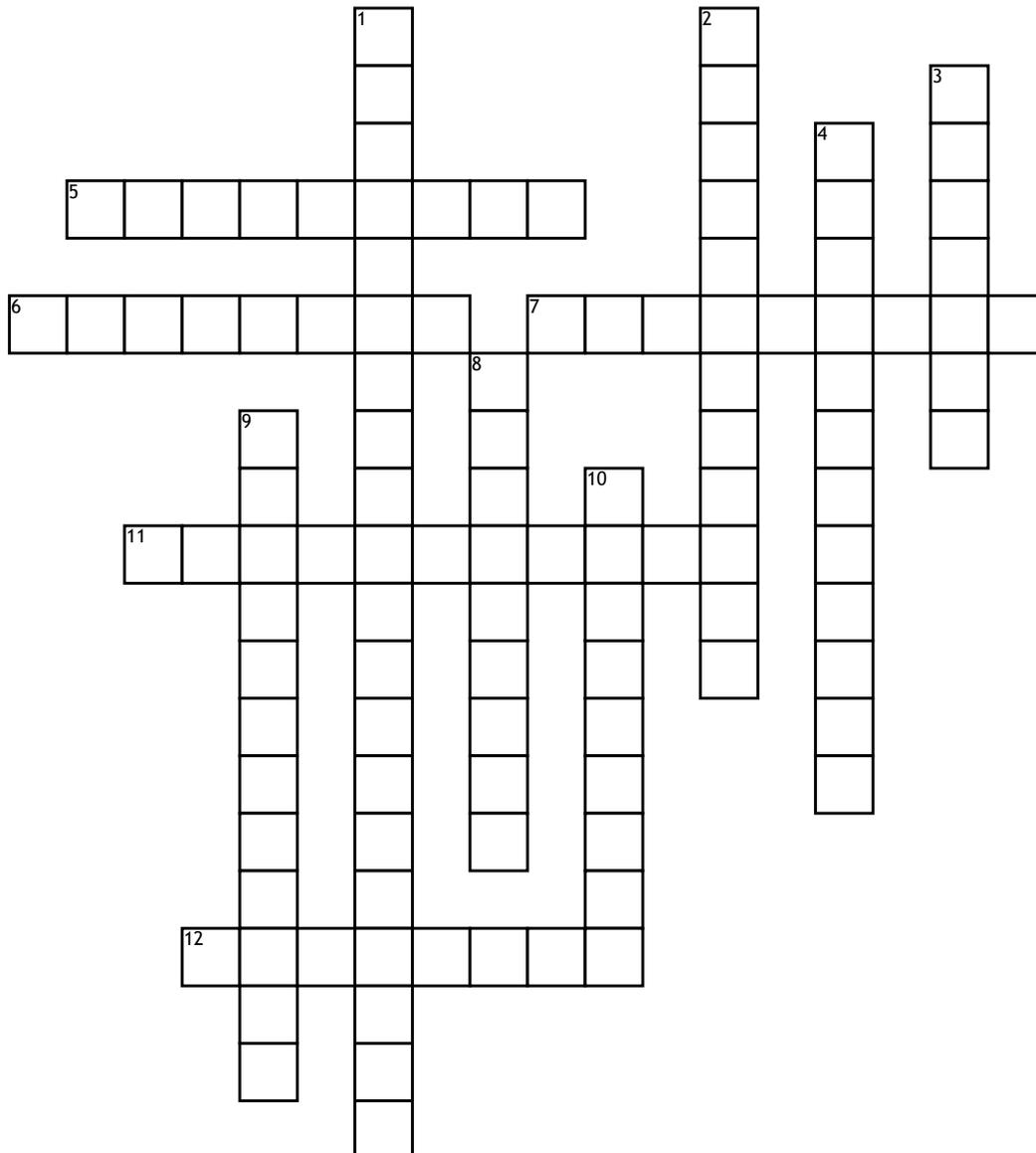


Parts of a cell



Across

5. this structure in the nucleus of cells is where ribosomes are made

6. this rigid layer of non-living material surrounds the cell membrane in plant cells

7. these small organelles contain chemicals that break down food particles and worn-out cell parts

11. these receive materials from the endoplasmic reticulum and send them to other parts of the cell; they also release materials outside the cell

12. these are storage areas in cells; in plant cells, there is a large central one

Down

1. this network of passageways carries materials from one part of the cell to another

2. these organelles capture energy from sunlight to produce food for plant cells

3. this directs all of the cell's activities

4. these turn energy in food molecules into useable energy for the cell

8. this gel-like fluid is found between the cell membrane and nucleus in cells

9. this protects the cell, forms the outer boundary of cells without cell walls, and controls what enters and exits cells

10. these small structures function as factories to produce proteins