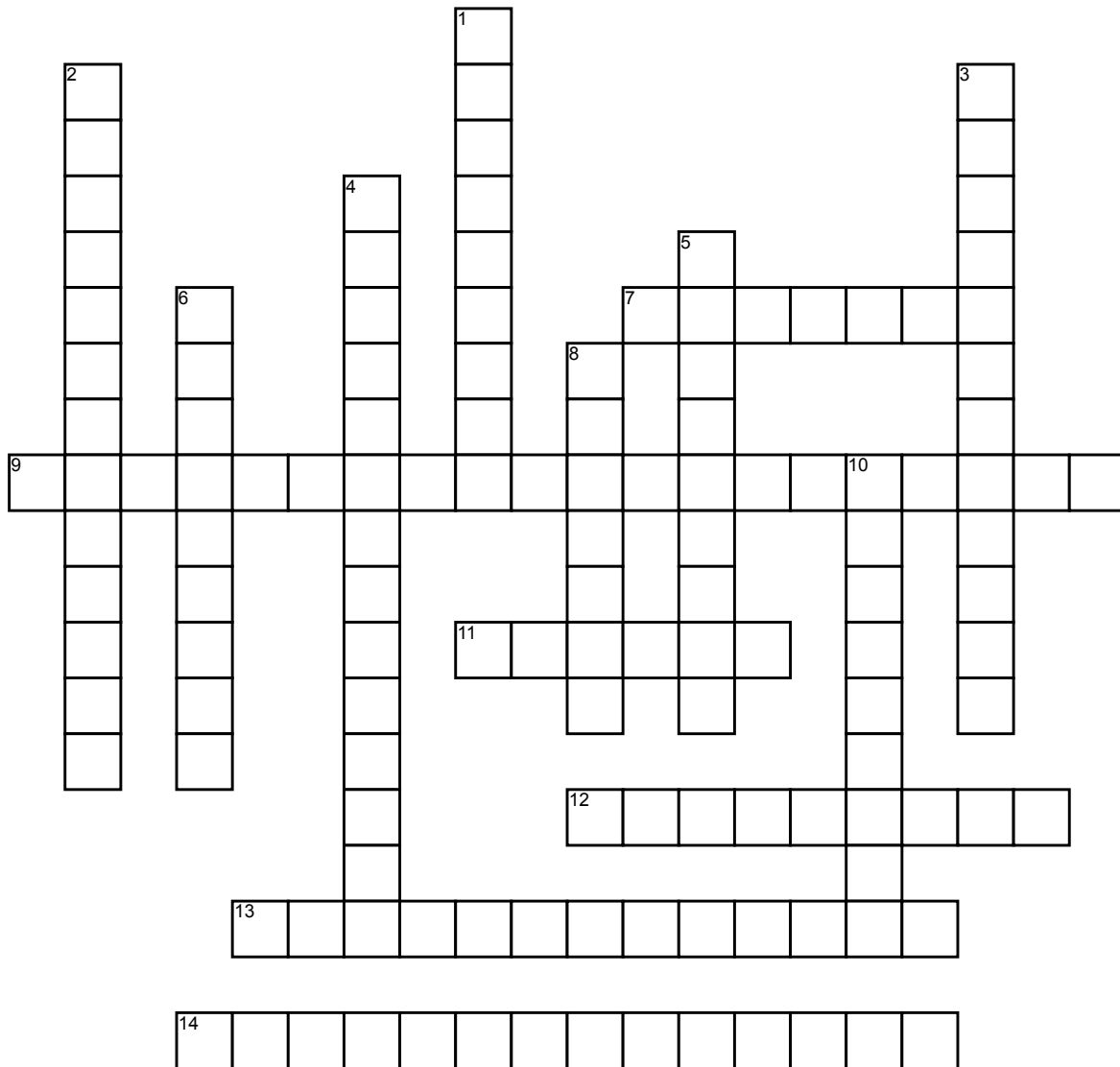


cell project



Across

7. central membrane-bound organelle that manages cellular functions and contains DNA

9. organelle with a series of highly folded membranes surrounded in cytoplasm

11. Short, numerous, hairlike projections composed of pairs of microtubules

12. organelle that contain digestive enzymes

13. nonmembrane-bound organelle outside the nucleus where enzymes and other proteins are assembled

14. organelle in eukaryotic cells with a system of flattened tubular membranes

Down

1. clear gelatinous fluid in eukaryotic cells that suspends the cells organelles and is the site of numerous chemical reactions

2. membrane bound organelle that transform energy stored in food molecules to ATP

3. cellular framework found within the cytoplasm composed of microtubules and microfillaments

4. serves as a boundary between the cell and its environment

5. organelle in eukaryotic cell nucleus that produces ribosomes

6. nonmembrane-bound organelle in nucleus

8. membrane-bound fluid-filled space in the cytoplasm of plant cells used for temporary storage of materials

10. a pair of small cylindrical structures composed of microtubules that duplicate during interphase