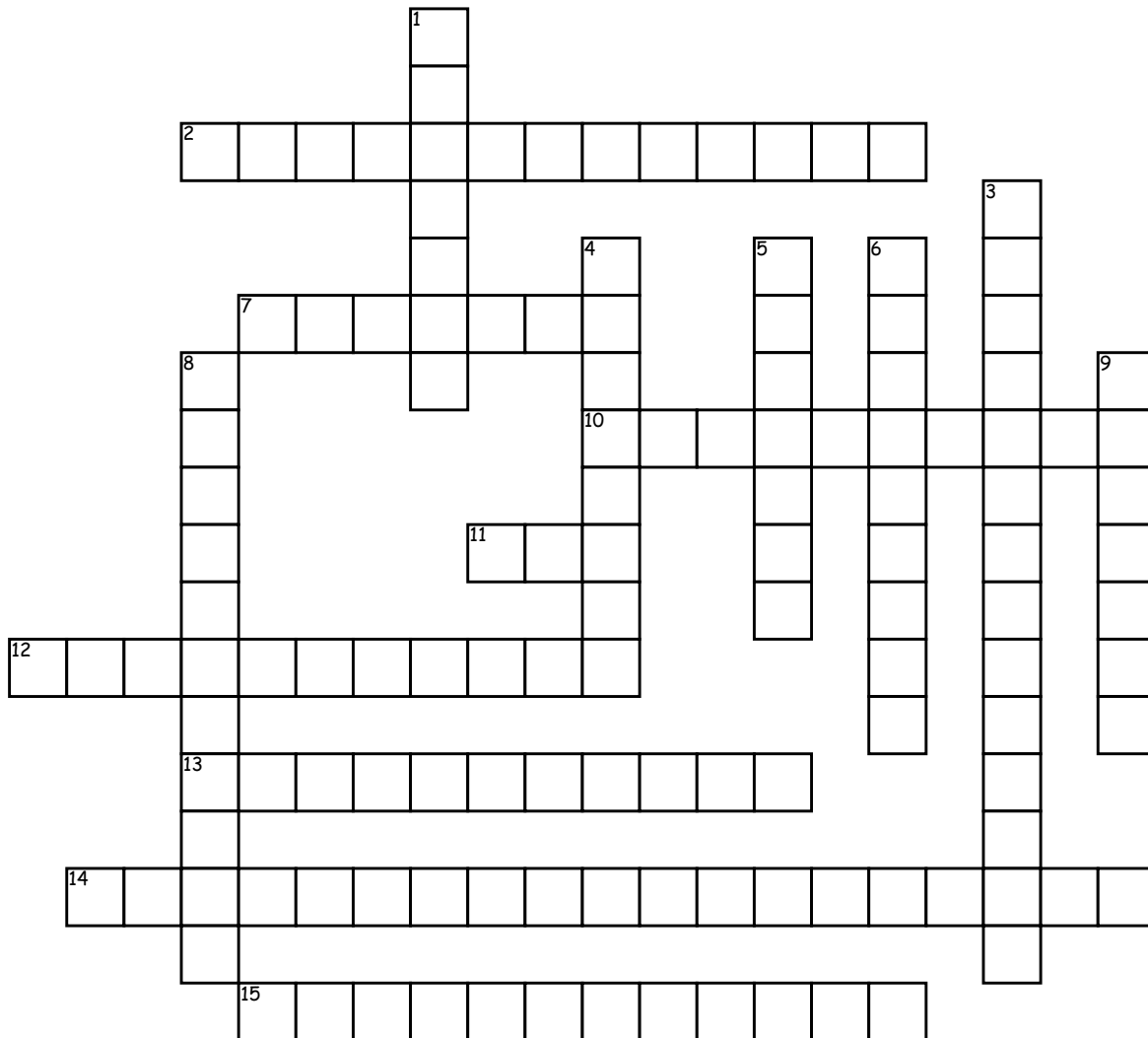


# Cell process



## Across

2. A gas in the air which plants absorb (take in) to help make their own food; also exhaled (breathed out) by animals

7. An important sugar that a plant creates and uses for energy; needed by animals for cellular respiration

10. A threadlike structure within a cell's nucleus that contains DNA that is passed from parent to offspring

11. The genetic material that carries information about an organism and is passed from parent to offspring

12. Green organelles inside plant cells used for photosynthesis

13. An organism that cannot make its own food and gets food by consuming other living things

14. The process that releases energy by breaking down glucose in the presence of oxygen

15. The process by which cells release energy by breaking down food molecules without using oxygen

## Down

1. Something that has been made by a process; similar to a mathematical product

3. The process by which plants and other autotrophs capture and use light energy to make food

4. A substance that changes in a chemical reaction; the ingredients that go into a chemical equation

5. The process of cell division that makes TWO new IDENTICAL cells

6. An organism that is able to capture energy from sunlight or chemical and use it to produce food

8. A green photosynthetic pigment found in the chloroplasts of plants, algae and some bacteria

9. The process of cell division that makes FOUR new cells with half the chromosomes; makes sex cells (sperm and eggs)