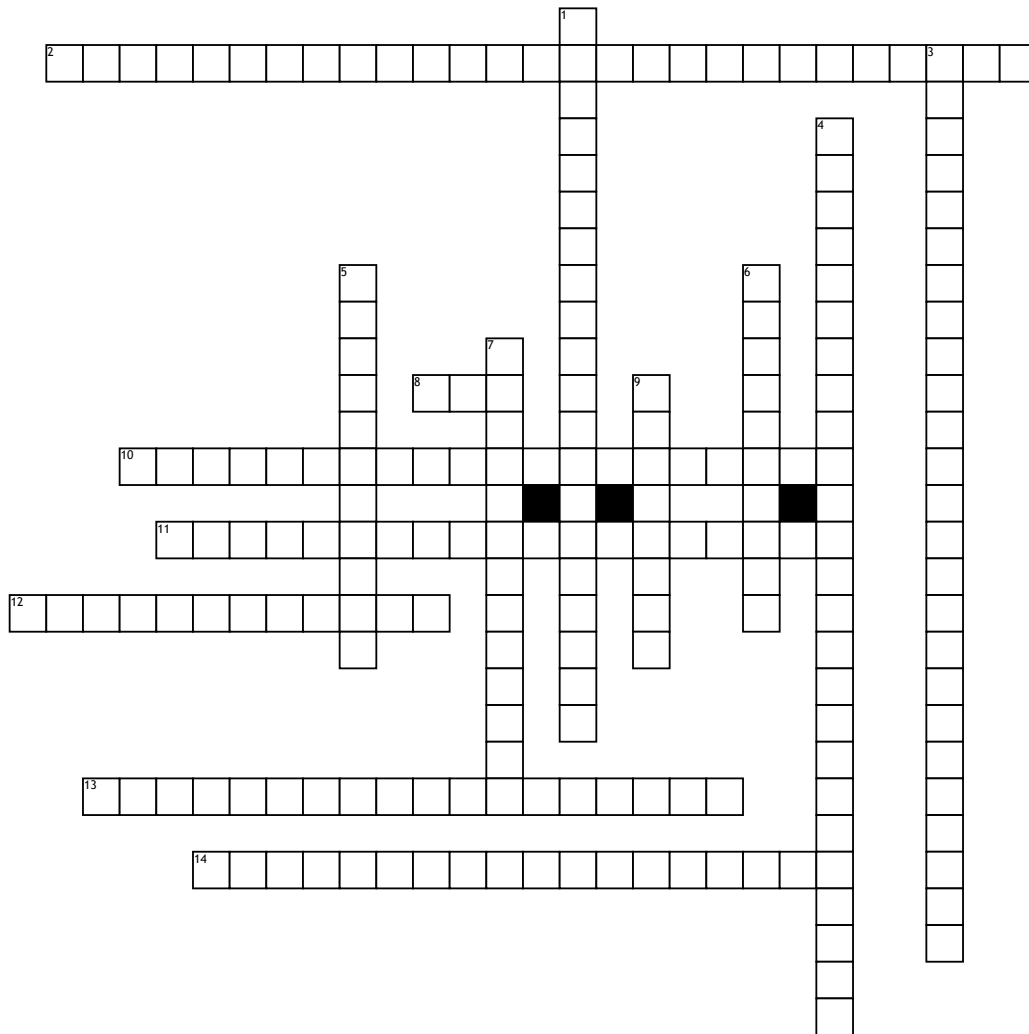


Characteristics of Life



Across

- 2. organisms must take in materials and energy to grow, develop, and reproduce
- 8. Genetic code written in a molecule
- 10. All living things are based on this
- 11. in which a single organism produces offspring identical to itself
- 12. creates the next generation (can be sexual or asexual)

Word Bank

- living things evolve
- metabolism
- stable internal environment
- homeostasis
- obtain, use material and energy

- 13. organisms change over time
- 14. used by most plants and animals

Down

- 1. Every organism has a particular pattern of _____
- 3. organisms detect and respond to stimuli
- 4. Goes along with homeostasis

- 5. all organisms need to keep their internal environment relatively stable, even when external conditions change dramatically
- 6. combination of chemical reactions through which an organism builds up or breaks down materials
- 7. organisms are composed of one or more cells
- 9. signal to which an organism responds to

- growth and development
- universal genetic code
- respond to their environment
- made up of cells
- asexual reproduction

- DNA
- sexual reproduction
- stimulus
- reproduction