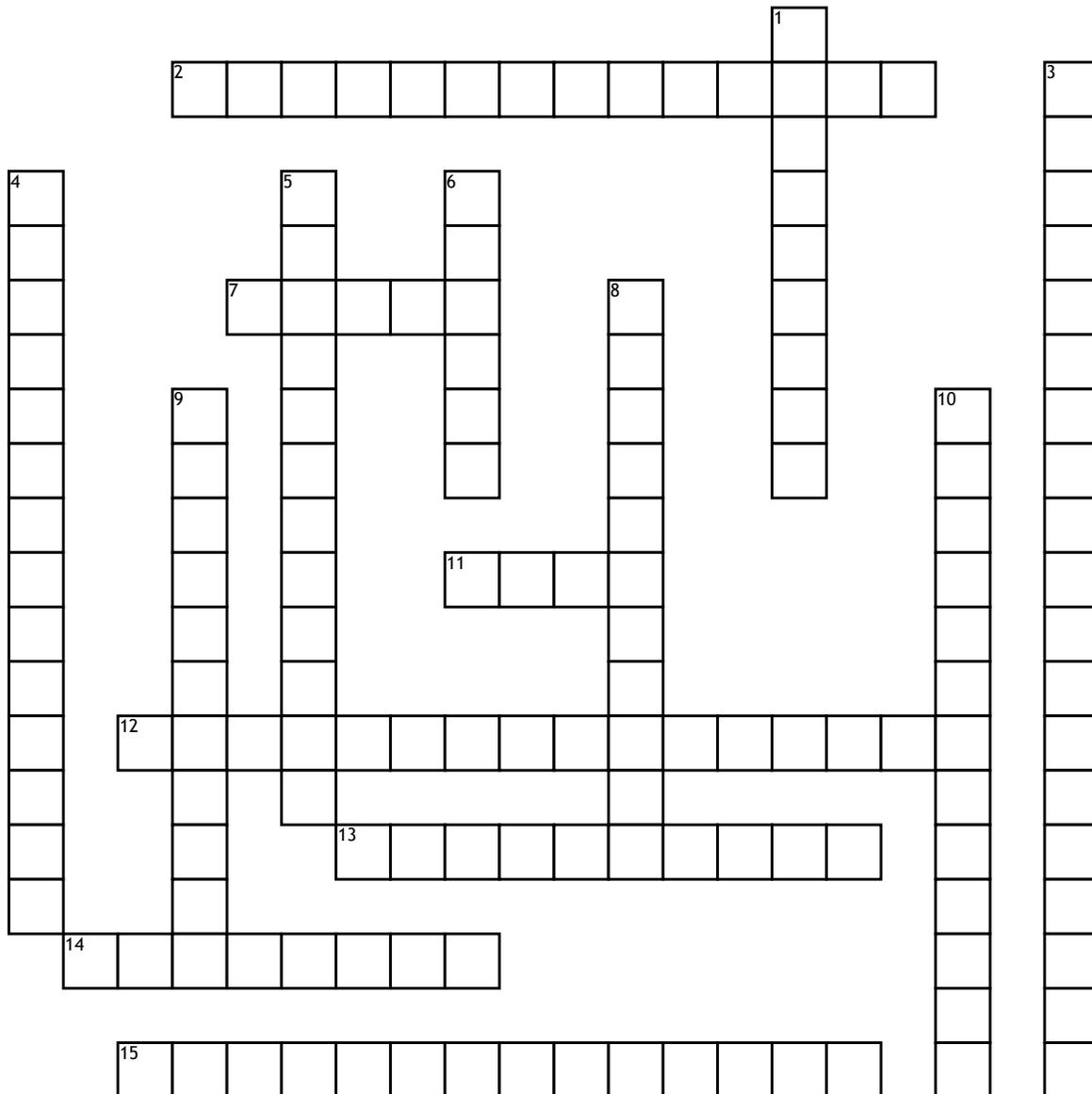


# Sydney Lofton



## Across

2. A liquid that is able to attach itself to a surface

7. A push or pull

11. A small particle that makes up most types of matter

12. When you squeeze a fluid, the pressure is put on all of the fluid, not just the part where you apply pressure

13. How fast or slow molecules are moving

14. A force exerted on a surface divided by the total area over which the force is exerted

15. Are changes affecting the form of a chemical substance but not its chemical composition

## Down

1. How fast or slow a liquid moves

3. States that the buoyant force on an object is equal to the weight of the fluid displaced by the object

4. Any change that results in the formation of new chemical substances

5. A fluid's ability to make something float

6. The ability to cause change

8. Gas to solid or solid to gas

9. Measurement of the average speed of all the molecules

10. The sum of the kinetic and potential energy of particles in a material