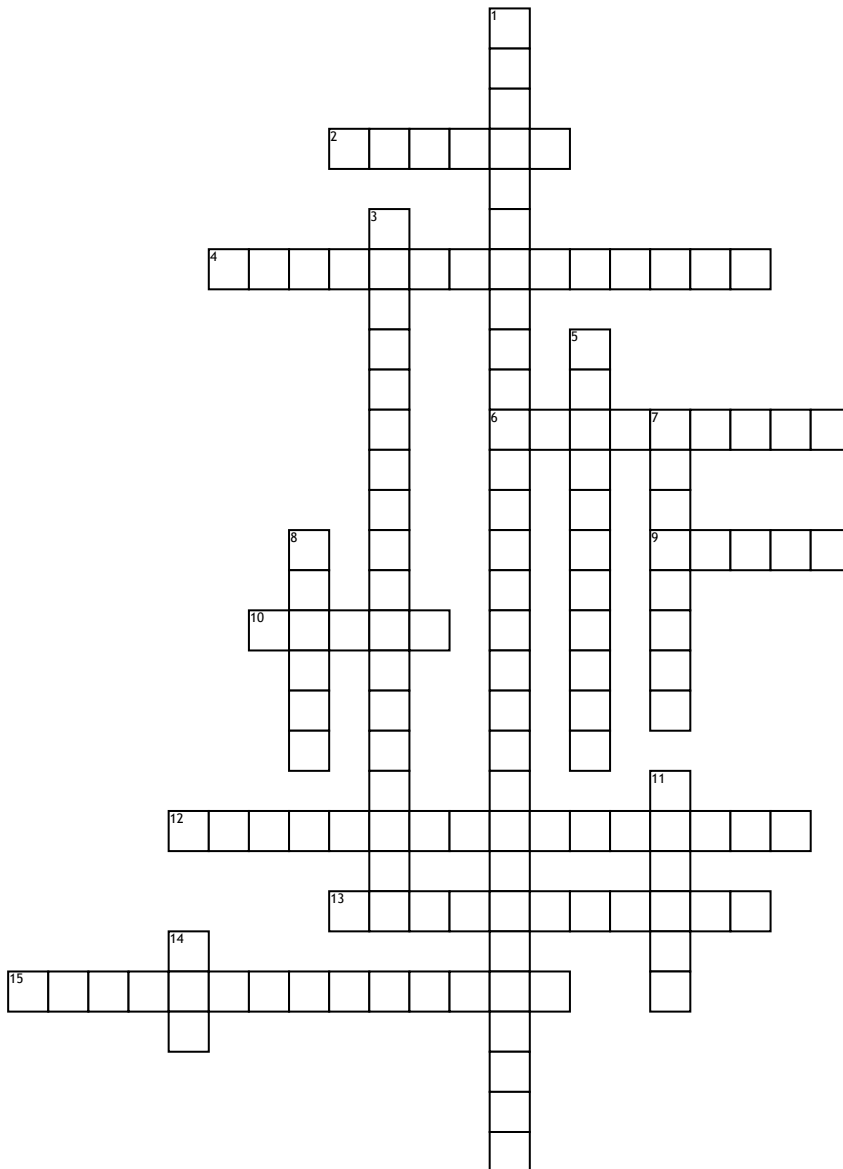


# The States of Matter



**Across**

- 2. Has a definite shape but no shape of its own.
- 4. why can a sewing needle float on the surface of water in a glass?
- 6. The particles are not arranged in a regular pattern.
- 9. Has a definite shape and volume.
- 10. Meaning a "substance that flows."
- 12. Solids that are made up of crystals.

13. A crystalline melts at a distinct

15. Inward force or pull among the molecules in a liquid that brings the molecules on the surface closer together.

**Down**

- 1. Characteristics of a solid
- 3. What determines the shape and volume of gas inside a container?
- 5. \_\_\_\_\_ does not melt at a distinct temperature

7. The force of its outward push divided by the areas of walls in the container.

8. liquids have a definite \_\_\_\_\_ but indefinite shape

11. The amount of space that matter fills.

14. Neither a definite shape or volume.