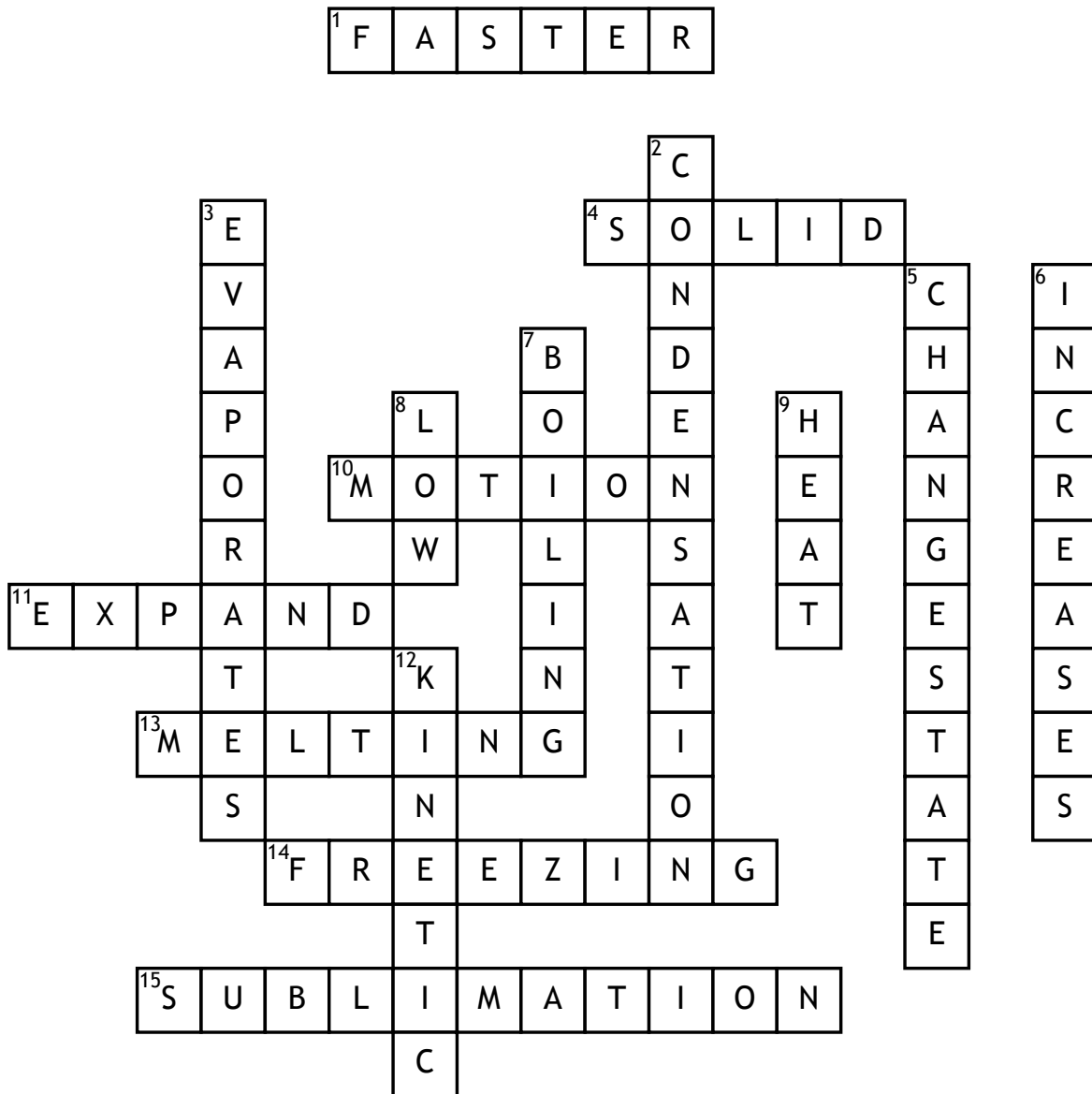


# Phase Changes/States Of Matter



## Across

1. The hotter the substance the \_\_\_\_\_ the particles are moving.
4. particles only vibrate
10. kinetic energy is the energy of
11. Most substances \_\_\_\_\_ when heated.
13. Solid to a liquid

## Down

14. liquid to solid
15. Solid to gas
2. gas to liquid
3. Clouds form when water
5. when you add thermal energy to a substance, the substance will

6. When you add thermal energy to particles the particles motion
7. liquid to gas
8. Energy transfers from high temperature to
9. thermal energy is the same as
12. Energy of motion is \_\_\_\_\_ energy