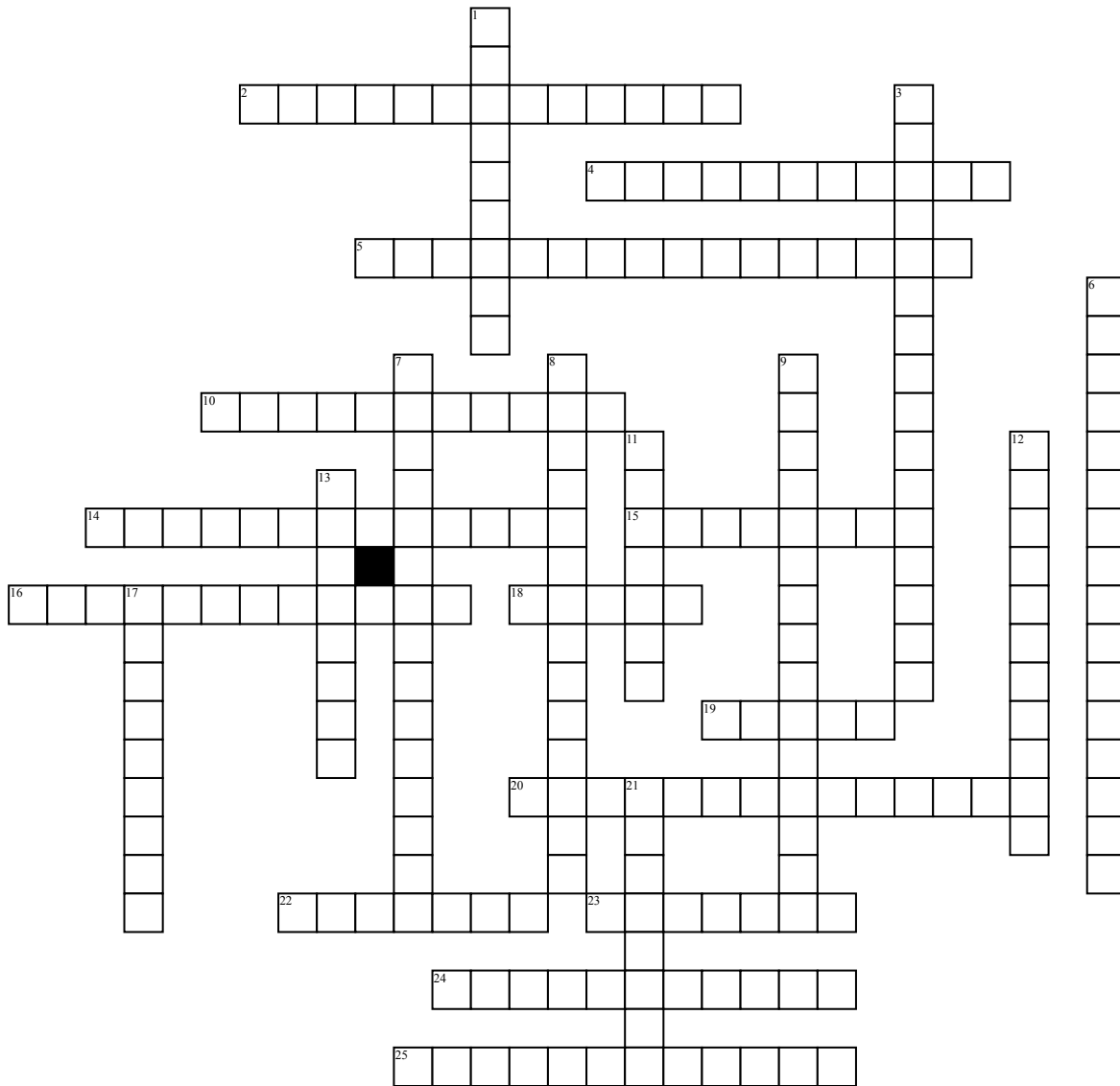


Alyanna's Project



Across

2. is the point at which two phases of a substance initially become indistinguishable from one another.
4. a substance in a liquid state changing to a gaseous state
5. is a solid material whose constituents (such as atoms, molecules, or ions) are arranged in a highly ordered microscopic structure
10. is a type of phase transition, or a change in a state of matter,
14. is the temperature at which solid and liquid phases coexist
15. a hypothetical gas whose molecules occupy negligible space and have no interactions.
16. the process of a substance in a gaseous state transforming into a liquid state.
18. a substance that has no fixed shape and yields easily to external pressure; a gas or (especially) a liquid. "we all need several glasses of fluid a day"

19. a physically distinctive form of matter, such as a solid, liquid, gas or plasma.
20. the tension of the surface film of a liquid caused by the attraction of the particles in the surface layer by the bulk of the liquid.
22. microscopic arrangement of atoms inside it
23. or fusion, is a physical process that results in the phase transition of a substance from a solid to a liquid
24. when the concentrations of reactants and products are constant
25. s the temperature at which the vapor pressure of a liquid equals the external pressure surrounding the liquid.

Down

1. non-hypothetical gases whose molecules occupy space and have interactions
3. of a substance is the pressure required to liquefy a gas at its critical temperature.
6. a collision in which the total kinetic energy of the colliding bodies

7. are a type of solid that lacks definition in shape
8. describes how easily a substance will vaporize
9. another term for capillarity.
11. a phase transition from the liquid state to the gas state
12. three phases (gas, liquid, and solid) of that substance coexist in thermodynamic equilibrium
13. the most basic and least volume consuming repeating structure of any solid.
17. a substance spreading out to evenly fill its container
21. ____ or solidification