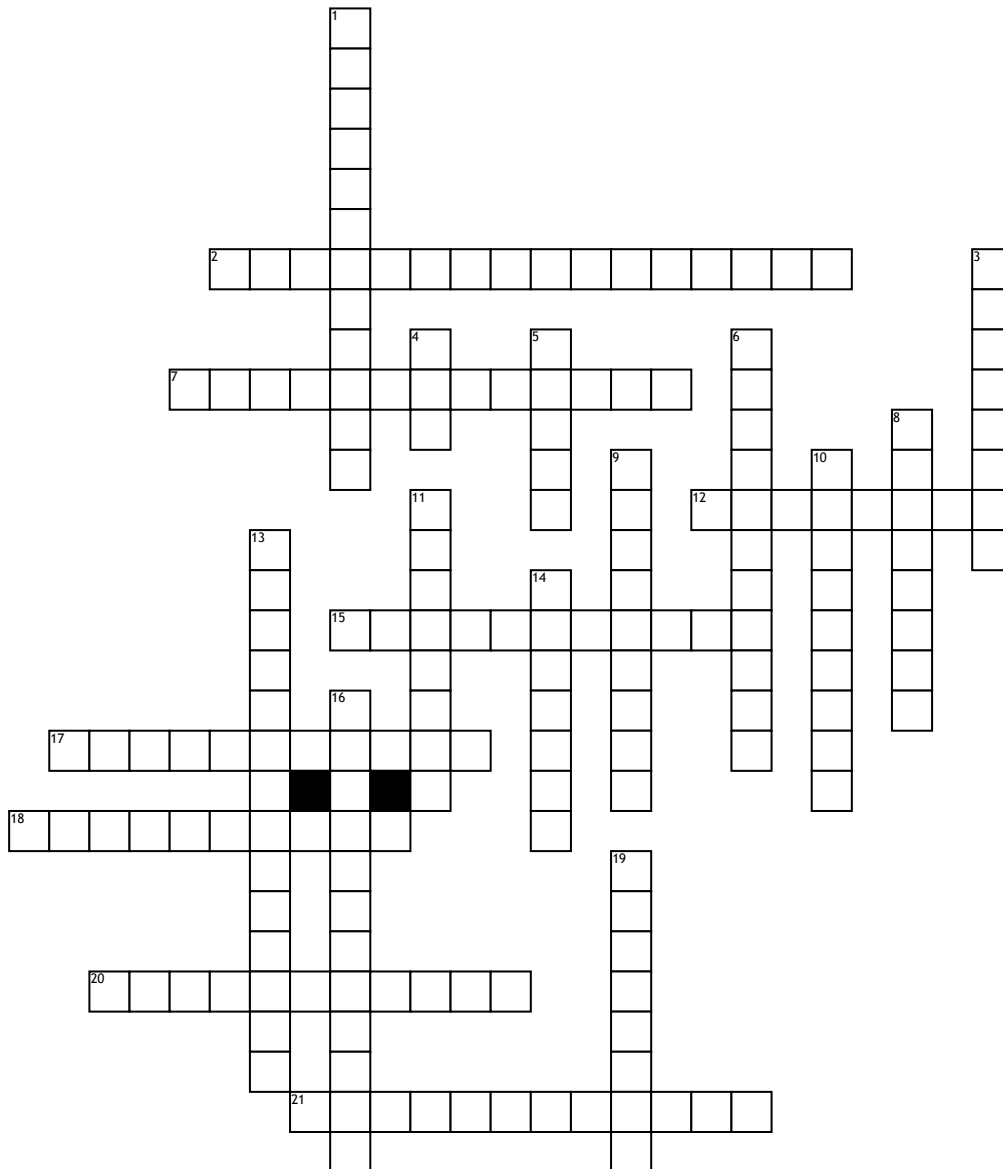


Solids and Liquids



Across

2. structure arranged in an orderly, geometric, 3D (two words no space)
 7. point at which water cannot exist as a liquid (two words no space)
 12. force of attraction between identical molecules
 15. A point at which all three phases exit (two words no space)
 17. agents that lower surface tension
 18. Phase change involving a gas to a solid
 20. Phase change that occurs when a solid goes directly to a gas

21. occurs when the temperature of the vapor pressure of a liquid equals the external pressure

Down

1. Gas releases energy to change into a liquid
 3. Liquid releases energy to change into a solid
 4. State of matter with the greatest energy
 5. Has a definite shape and definite volume
 6. Only occurs at the surface of a liquid

8. the smallest arrangement of atoms in a crystalline solid that has the same symmetry as the whole crystal (two words no space)

9. Measure of the resistance of a liquid to flow
 10. Example of a surfactant
 11. Ability to flow
 13. energy required to increase the surface area of a liquid by a given amount (two words no space)
 14. solid absorbs energy to change into a liquid
 16. Liquid absorbs energy to change into a gas
 19. force of attraction between different molecules