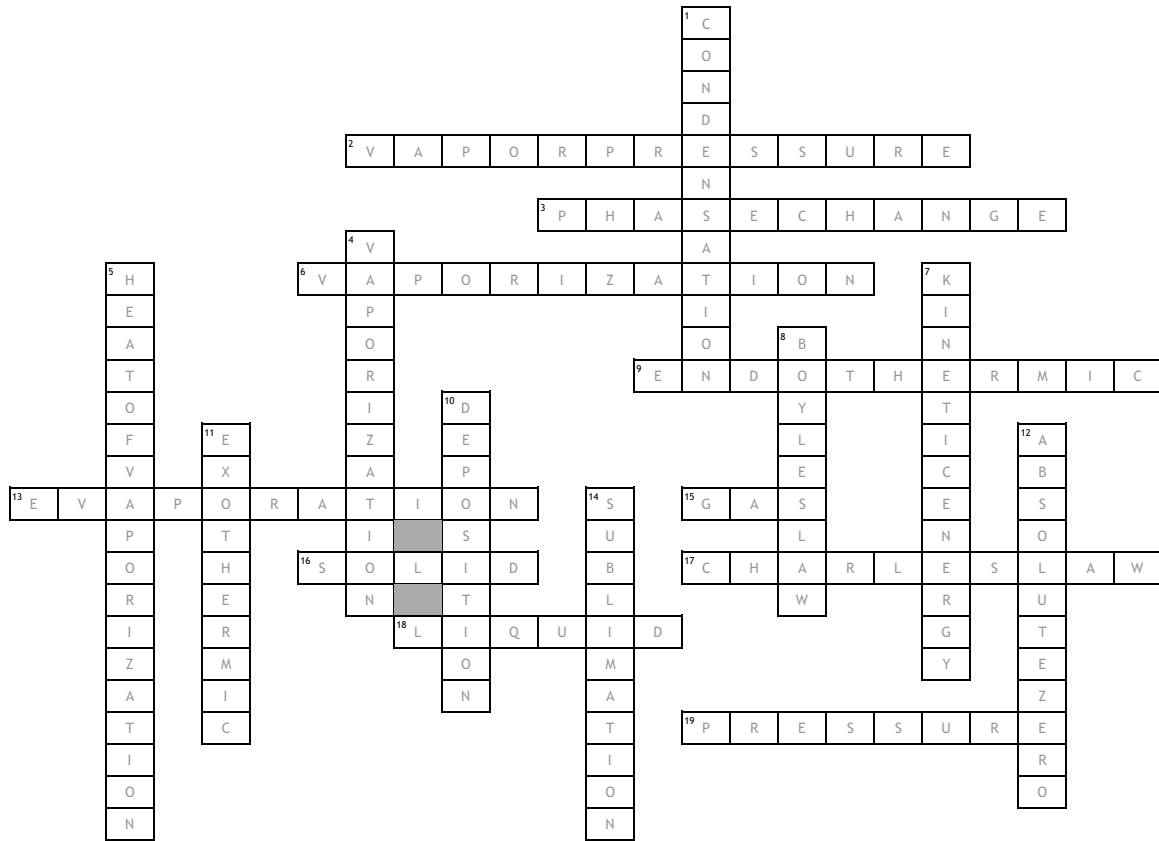


States of Matter



Across

- 2. The pressure caused by the collisions of particles in a vapor with the walls of a container
- 3. A reversable physical change that occurs when a substanve changes states of matter
- 6. The energy a substance must absorb into change from solid to liquid
- 9. A description of change in which a system absorbs energy from it's surroundings
- 13. The process that changes a substance from liquid to gas based on temperature
- 15. The state of matter in which ba material has neither a definite shape or a definite volume
- 16. The state of matter in which materials have a definite shape and a definite volume
- 17. The direct proportion of the volume of a gas to it's temperature if it is constant
- 18. The state of matter in which a material has a definite volume but not a definite shape
- 19. A result of force distibuted over an area

Down

- 1. The phase change in which a substance changes from a gas or vapor to a liquid
- 4. The phase change in which a substance changes from liquid to gas
- 5. The energy a substance must absorb in order to change from solid to liquid
- 7. The energy an object has due to it's motion
- 8. The inverse relationship between volume and gas
- 10. The phase change in which a gas or vapor changes directly into a solid without first changing into a liquid
- 11. A description of change in which a system releases energy to it's surroundings
- 12. A temperature of zero Kelvins
- 14. The phase change in which a substance changes from a solid to a gas or vapor without changing to a liquid first