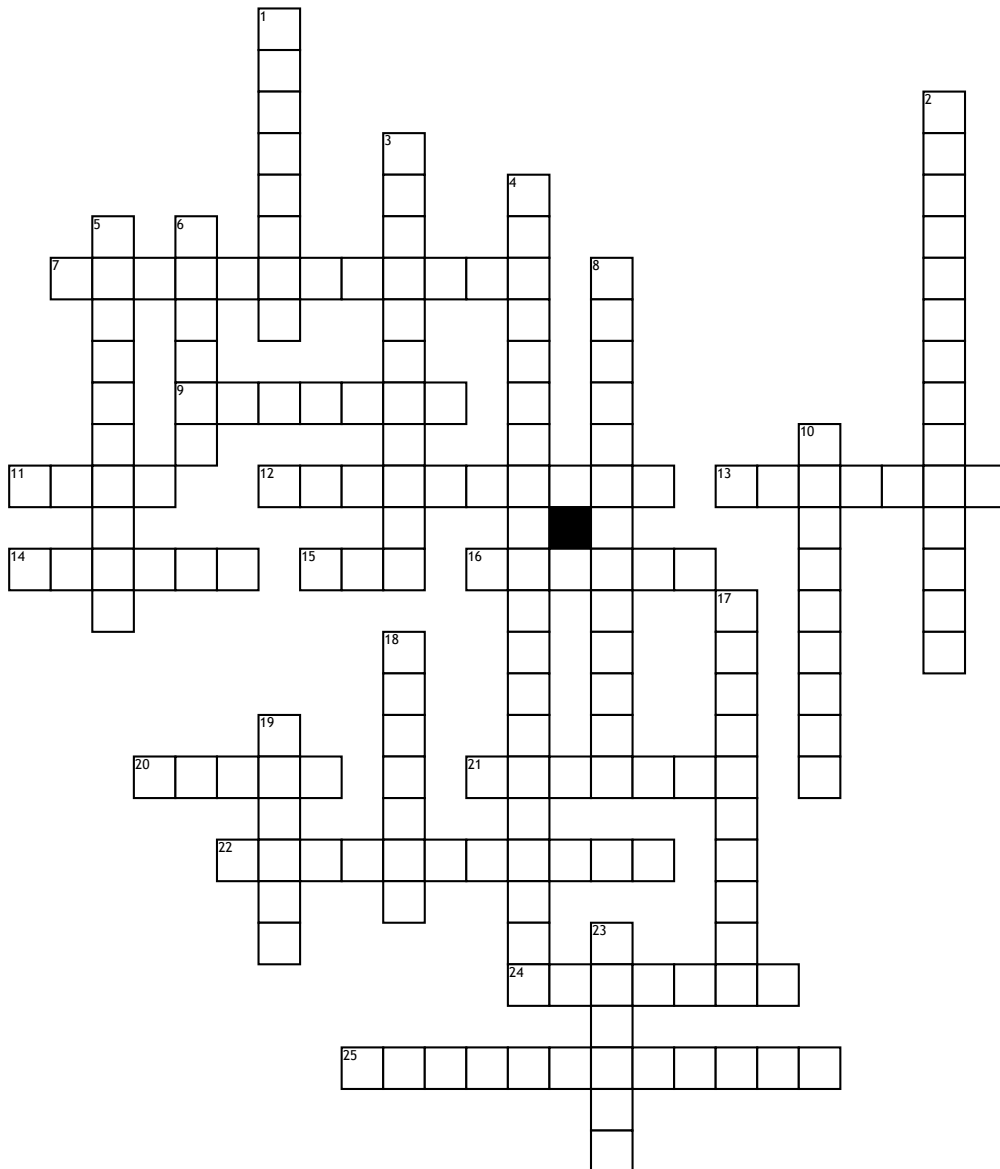


# Physical Science



**Across**

- 7. the temperature that a liquid needs to become a gas
- 9. change from a solid state to a liquid state
- 11. the amount of matter an object has
- 12. A possible solution to a problem in the form of a question
- 13. change from a water to a gaseous state
- 14. the temperature that a gas needs to become a plasma
- 15. Has no definite shape or volume
- 16. the effect of gravity has on something
- 20. Has a definite shape and volume

- 21. a mix of compounds
- 22. when matter goes from solid to a gas
- 24. can not be broken down into further substances
- 25. the temperature that a solid needs to become a liquid

**Down**

- 1. more than one element
- 2. the tension of the surface film caused by the attraction between the molecules of a liquid
- 3. a mixture where everything is mixed evenly
- 4. a mixture where you are able to see all the different parts

- 5. change from a gaseous to a liquid state
- 6. Hot ionized gas
- 8. the temperature that a liquid needs to become a solid
- 10. how fast a liquid flows
- 17. a heterogeneous mixture containing a liquid in which particles settle
- 18. particles that are small enough not to settle but big enough to refract light
- 19. Has a definite shape but no definite volume
- 23. the effect of gravity has on something