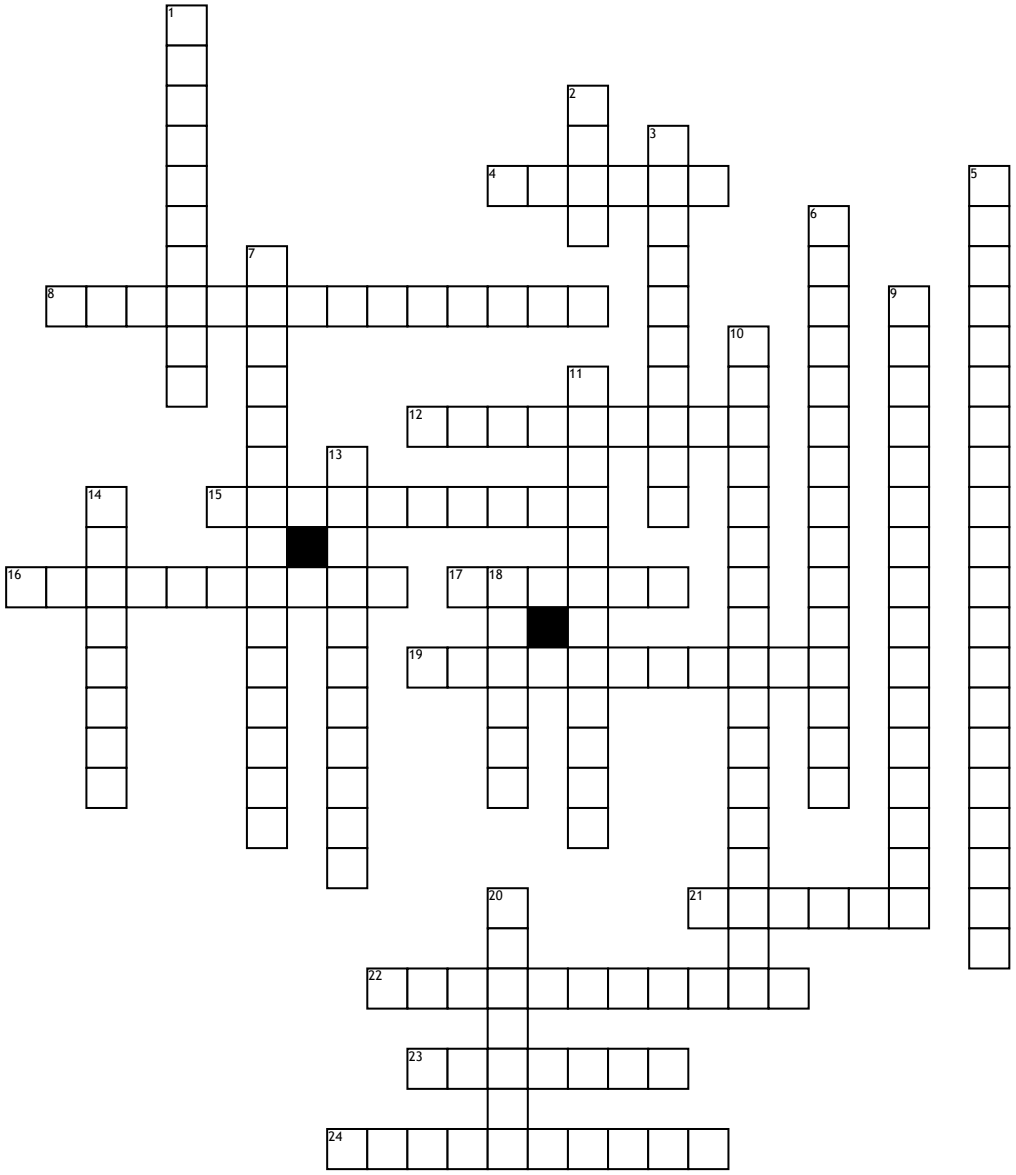
Name: _____ Date: _____ Period: _____

Science Crossword (Chapter 5)



Across

4. an object that curves outward

8. a property of a material which light passes through. The more dense the slower the light passes through.

12. Light rays that spread apart

15. When light strikes a surface and bounces off

16. Where light rays meet at a certain point

17. imaginary line perpendicular to the surface being struck by light

19. light passes through freely

21. illusion formed by refraction of light through air

22. allows only some light to pass through

23. Occurs when light is blocked in specific areas

24. light rays that are coming together at a focal point

Down

1. when light is trapped in an objects as heat

2. curved piece of transparent material

3. when a wave or ray changes speed and direction as it passes from one material to another

5. Old model that light was fast moving tiny particles eventually absorbed by the eye

6. incident angel must equal the reflected angle

7. A model that represents light as a straight line or ray that indicates the light path as it travels including reflection off mirrors or refracting through lenses

9. angle between the incident ray and the normal line

10. Angle between the reflected ray and the normal line

11. when light passes through a material

13. A flat smooth mirror

14. the ray that approaches a surface

18. allowing no light to pass through

20. an object that curves inward

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