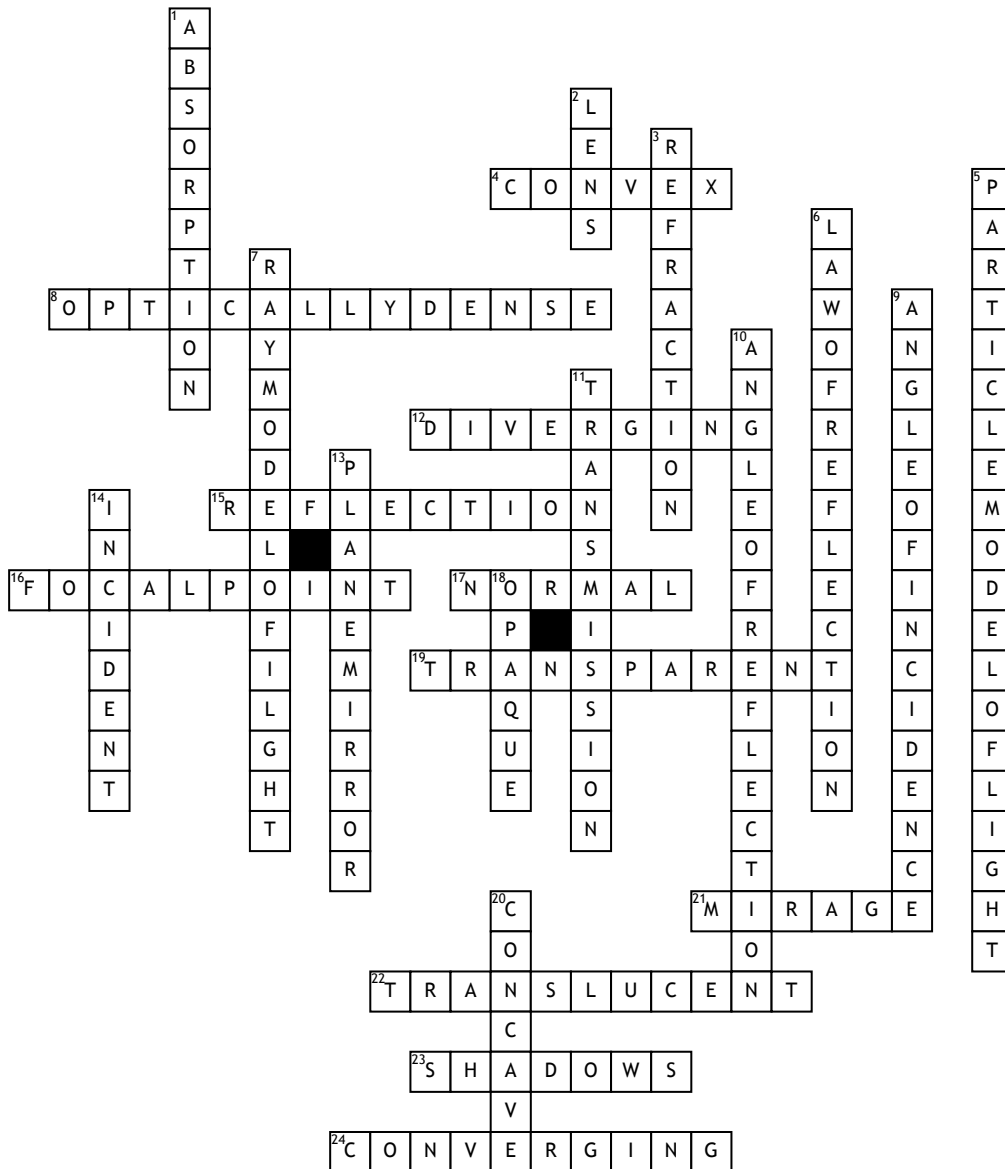


Science Crossword (Chapter 5)



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