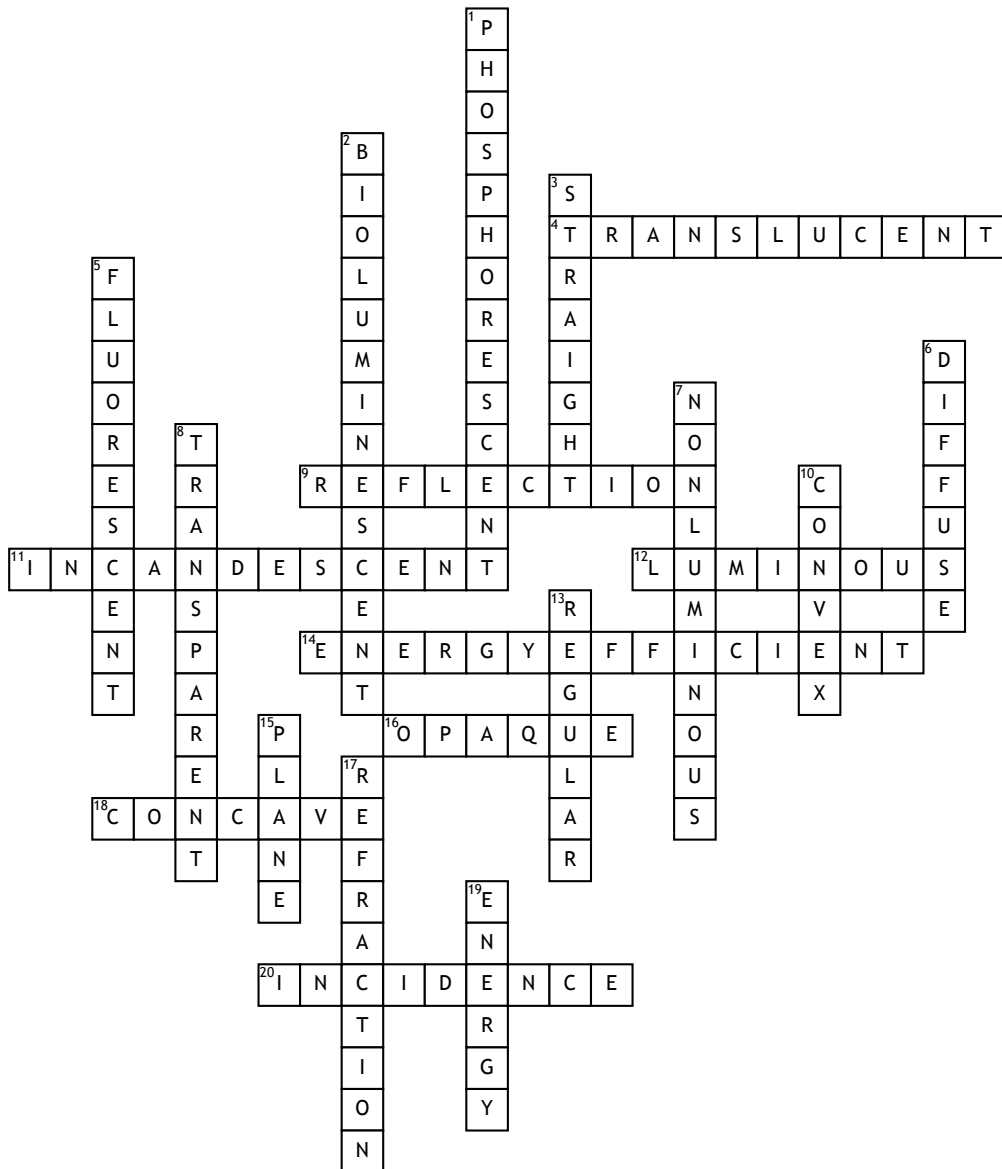


Name: _____

Light and Optics



Across

4. materials that allow some light to pass through them
 9. Light changing direction when contacting a surface is known as
 11. electricity traveling through a filament
 12. Objects that produce their own light
 14. produces light without wasting energy as heat
 16. Materials that do not allow any light to pass through it
 18. a mirror that curves inwards

20. angle of _____ = angle of reflection

Down

1. energy stored in cells and released later
 2. Species that create their own light using a chemical reaction
 3. Light travels in _____ lines
 5. electricity running through a glass tube filled with gas
 6. Rays reflected in a scattered pattern form a _____ reflection

7. Objects that do not produce their own light

8. Materials that allow all light to pass through them
 10. a mirror the curves outwards
 13. Rays reflected in parallel form a _____ reflection
 15. a flat mirror
 17. Light traveling at an angle from one medium to another is called
 19. Light is a form of