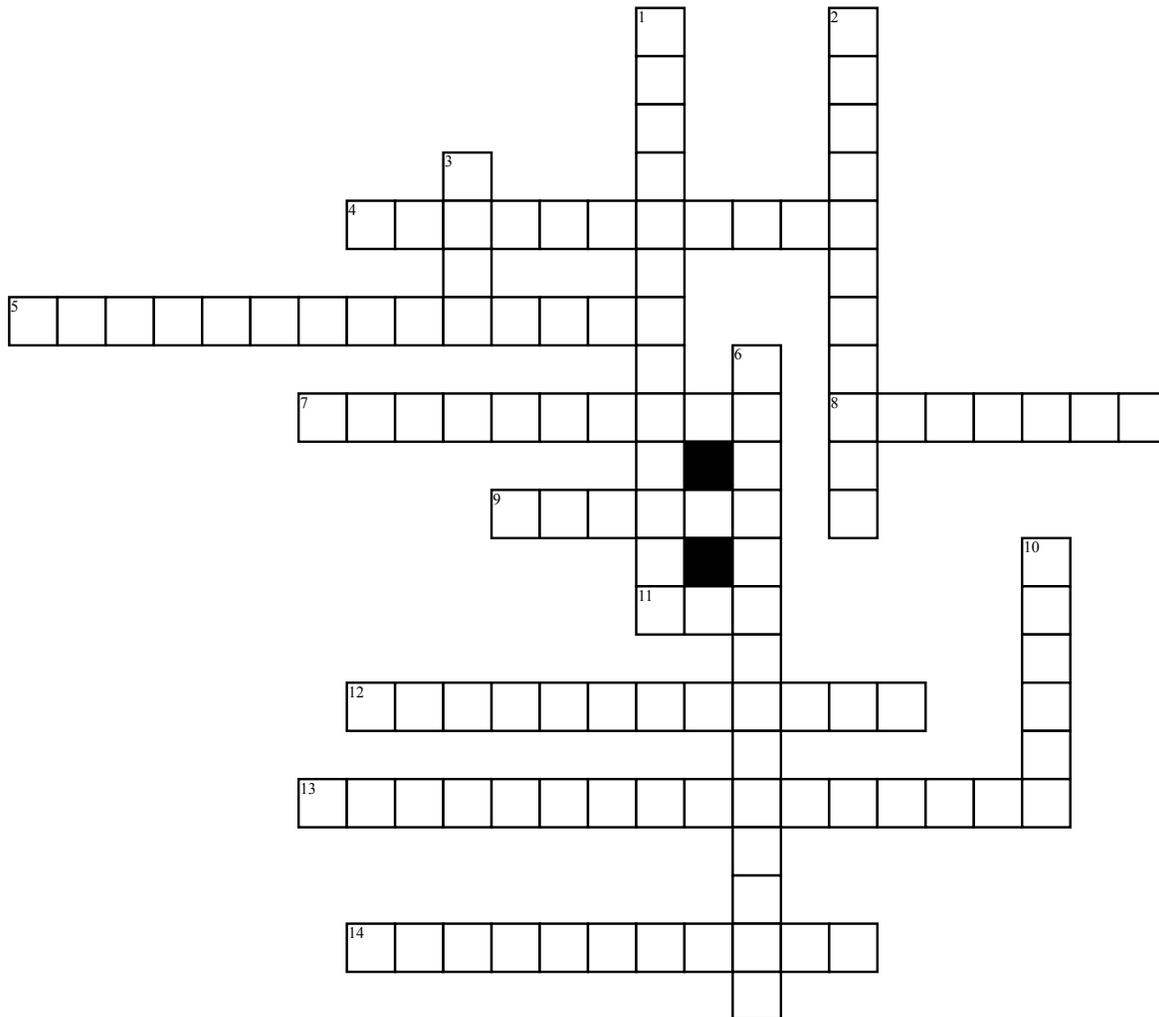


Energy and matter



Across

4. An object that allows light to pass through easily
 5. A wave that moves up and down (light wave)
 7. The image that is bounced back
 8. to bounce off an object
 9. A shiny surface that reflects light

11. A line Of light that travels straight out from a light source
 12. A mirror that curves outward
 13. A wave that compressed and expands (sound wave)
 14. An object that allows some light to pass through but not all

Down

1. A mirror that curves inward

2. Anything that makes light; such as the sun, a lightbulb, or a flame
 3. A regular, repeating pattern like up and down or back and fourth
 6. The movement of energy from one thing to another or the change of energy from one form to another
 10. An object that blocks all light and casts a dark shadow