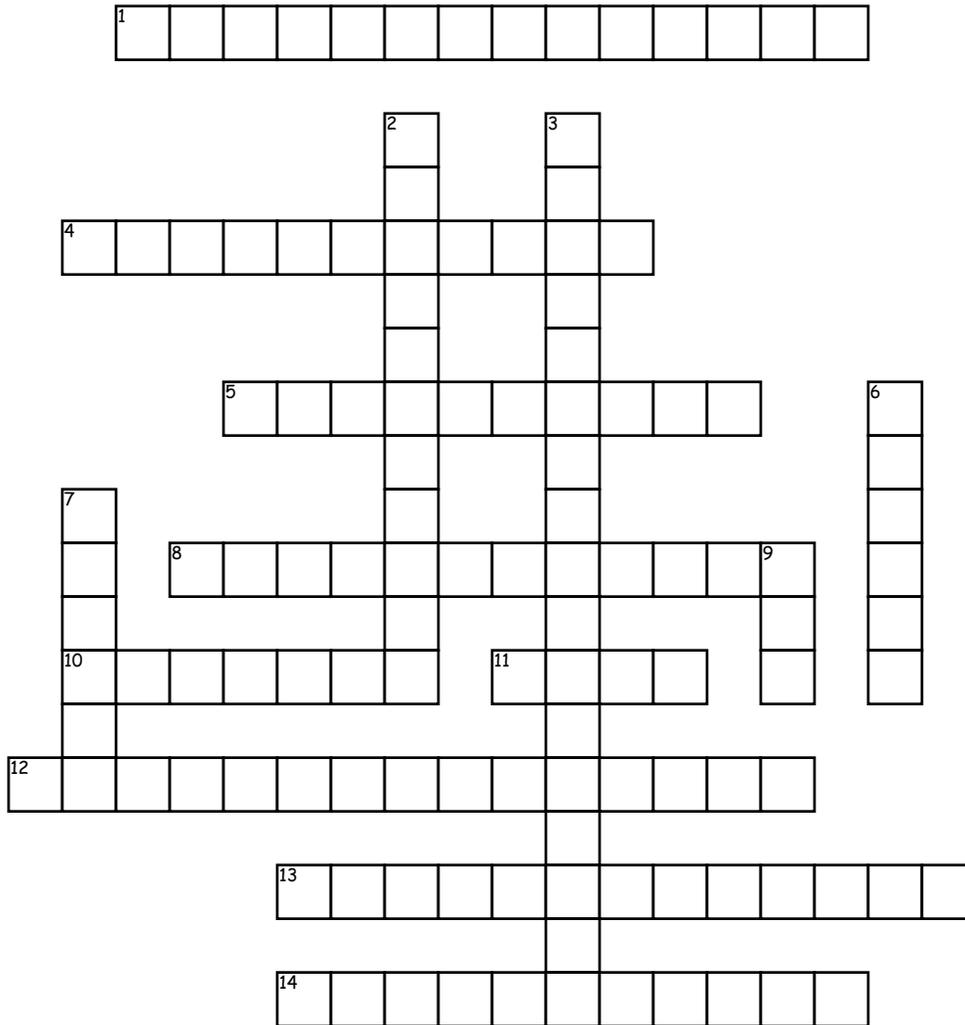


Name: \_\_\_\_\_

# Energy and Matter



## Across

- 1. the movement of energy from one thing to another or the change of energy from one form to another
- 4. an object that allows light to pass through easily
- 5. the image that is bounced back
- 8. a mirror that curves outward

10. to bounce off an object

- 11. a regular, repeating pattern that like up and down, or back and forth
- 12. a wave the moves up and down (light wave)
- 13. a mirror that curves inwards
- 14. anything that makes light, such as the Sun, a lightbulb or a flame

## Down

- 2. an object that allows some light to pass through but not all
- 3. a wave that compresses and expands (sound wave)
- 6. an object that blocks all light and cast a dark shadow
- 7. a shiny surface that reflects light
- 9. a line of light that travels straight out from a light source

## Word Bank

- |                  |                |             |                    |
|------------------|----------------|-------------|--------------------|
| energy transfer  | opaque         | translucent | mirror             |
| transverse waves | transparent    | reflection  | longitudinal waves |
| reflect          | concave mirror | wave        | convex mirror      |
| light source     | ray            |             |                    |