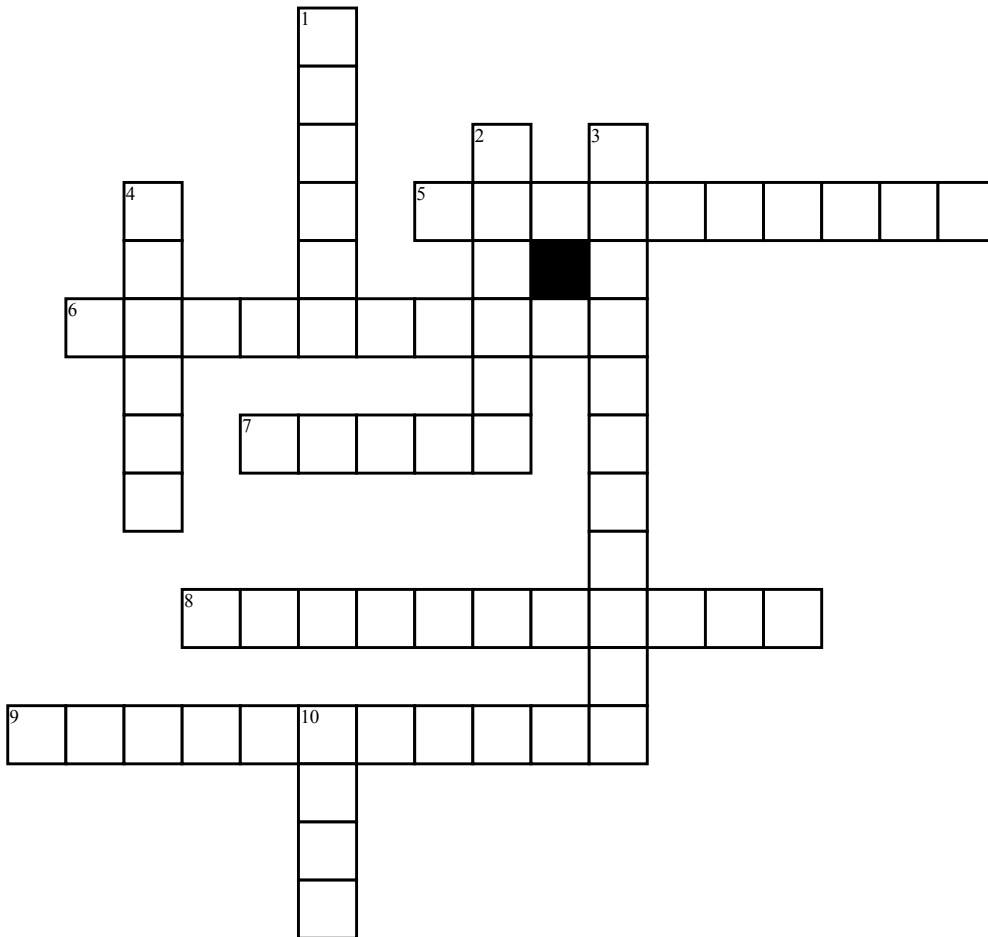


# Science



## Across

5. When light goes through a substance and travels in a new direction.
6. A bouncing of light off a surface, such as a mirror.
7. Used to disperse white light and break it up into a spectrum of color.
8. A type of radiant energy that travels outwardly in straight lines and can travel through empty space.
9. Letting some light through; objects cannot be clearly seen through a translucent object (lamp shade)

## Down

1. not letting light through.
2. A substance that makes possible the transfer of energy from one location to another, especially through waves.
3. A clear object that lets all light through (glass)
4. The ability to do work or move something.
10. A tool that is used to change the direction that light is travelling in order to make objects appear closer and larger, or smaller and farther away (telescope, microscope)