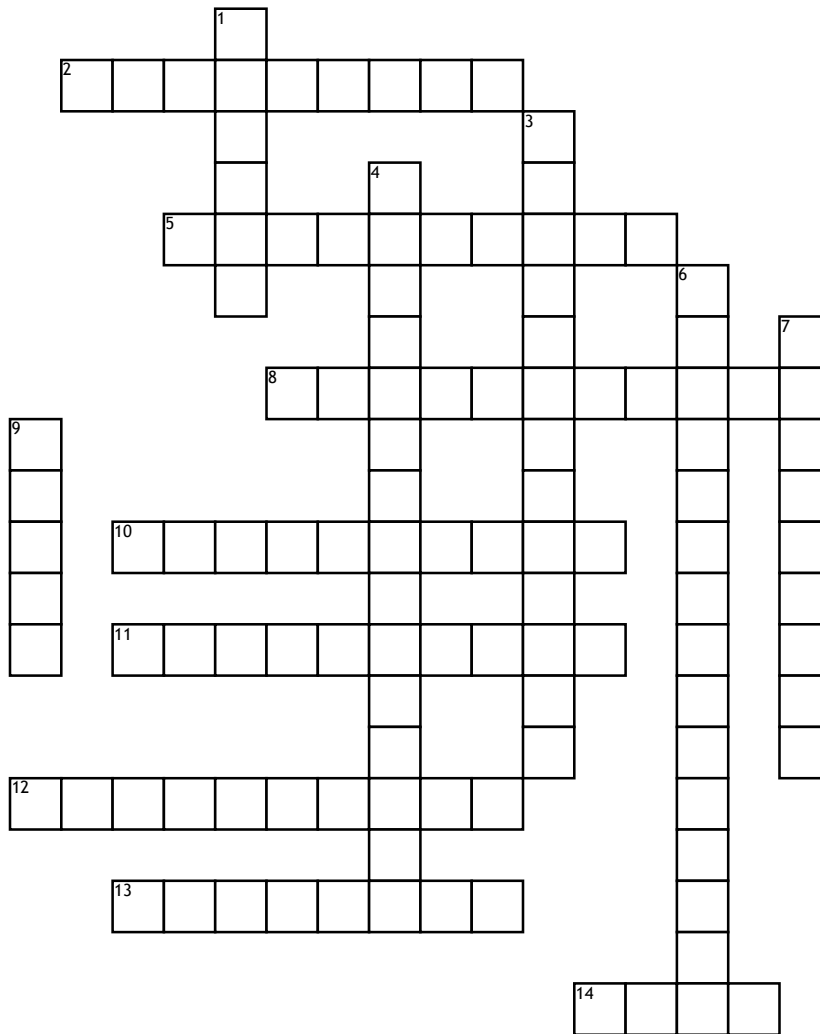


# LIGHT



## Across

2. an apparatus consisting of a tube attached to a set of mirrors or prisms, by which an observer can see things that are otherwise out of sight.  
 5. The throwing back by a body or surface of light, heat, or sound without absorbing it  
 8. the process or state of converging.  
 10. The action or process of distributing things or people over a wide area.  
 11. The fact or phenomenon of light, radio waves  
 12. An optical instrument used for viewing very small objects?

## Word Bank

spectrum  
 Microscope  
 Telescope  
 Reflection

periscope  
 Refraction  
 binocular vision  
 convergence

Lens  
 Primary colour  
 Filter

Dispersion  
 Prism  
 secondary colour

13. a band of colours, as seen in a rainbow, produced by separation of the components of light by their different degrees of refraction according to wavelength.

14. A piece of glass or other transparent material with curved sides for concentrating or dispersing light rays

## Down

1. A porous device for removing impurities or solid particles from a liquid or gas passed through it  
 3. any of A group of colours from which all other colours can be obtained by mixing.

4. A colour resulting from the mixing of two primary colours

6. vision using two eyes with overlapping fields of view, allowing good perception of depth

7. An optical instrument designed to make distant objects appear nearer.

9. A solid geometric figure whose two ends are similar?