



Across

- 3 The color with the longest wavelength is ____ . (3)
- 4 The sum of the colors of the visible spectrum is ____ light. (5)
- 7 Light does not pass through ____ materials like metal or wood. (6)
- 8 Light hitting a mirror is an example of ____ . (10)
- 9 The color with the shortest wavelength is ____ . (6)

- 11 The greater the frequency, the greater the amount of ____ . (6)
- 12 Some Light travels through ____ materials like frosted or colored glass. (11)
- 14 Visible light is a form of ____ energy. (7)
- 15 Light passes through ____ materials like clear glass. (11)
- 16 A ____ separates white light into many colors. (5)
- 17 Plants need light from the sun for ____ . (14)

Down

- 1 The number of waves passing a given point in a given time is ____ (9)
- 2 Light does not need a ____ through which to move. (6)
- 5 The distance between any two corresponding points of two adjacent waves is the ____ . (10)
- 6 Wavelength determines ____ . (5)
- 9 Radiant energy that can be seen by the human eye is called ____ . (two words) (7,5)
- 10 A spoon appearing to bend when put in a cup

of water is an example of ____ . (10)

- 12 Light travels in ____ waves. (10)
- 13 Light travels in ____ paths. (8)
- 18 Radiant energy is produced by the ____ . (3)