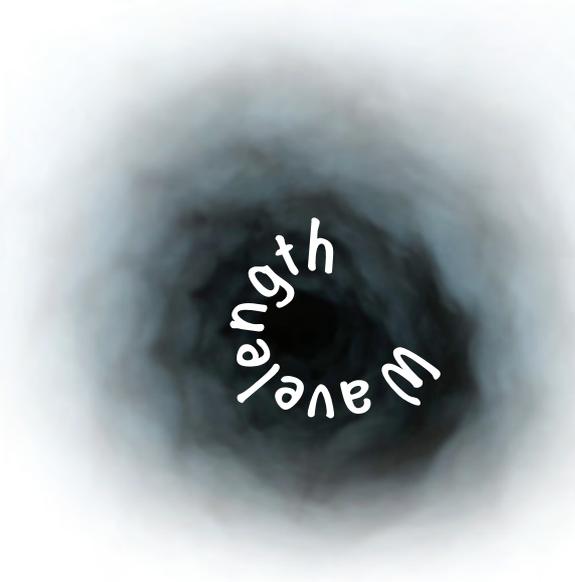


WORDS Word Games

1. Terminology Tornado

Using the following science term, see how many words of 3 or more letters you can make in 10 minutes.



Points
 3-4 letters = 1 point
 5+ letters = 2 points

Scores
 0-5 points = awful
 6-10 = average
 10+ = amazing

2. Six Word Scramble

Use the clues to work out what the 6 key science words are and then spell the word in the grid by colouring in the squares that make up the word. Use different colours for each answer.

MAL	PLI	ER	NDS
DE	QUE	ELS	AM
CIB	GY	BE	NOR
EN	DE	OPA	TU

Clues

- a. The height of a sound wave. (9) _____
- b. Light and sound are both types of this. (6) _____
- c. Units of loudness of sound. (8) _____
- d. When light enters a more dense material it ... (5) _____
- e. The imaginary line 90° to a flat mirror. (6) _____
- f. The opposite of transparent. (6) _____

3. Block Buster

Cross out each of the words that fit with one of the clues. You will be left with one word that doesn't fit; this is your answer.

lens cochlea optic nerve blind spot green aqueous humor

red eardrum ultraviolet sclera pinna oval window

indigo iris blue malleus tympanic membrane stapes

retina orange violet yellow fovea cornea

Clues

- a. Parts of the human ear.
- b. Parts of the human eye.
- c. Parts of the visible spectrum.

Answer

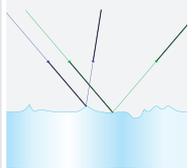
4. Lingo Lattice

All of the answers to the questions are in the lattice below, either as a word or picture. Once you have found each one, there will be one left over, this is the final answer.

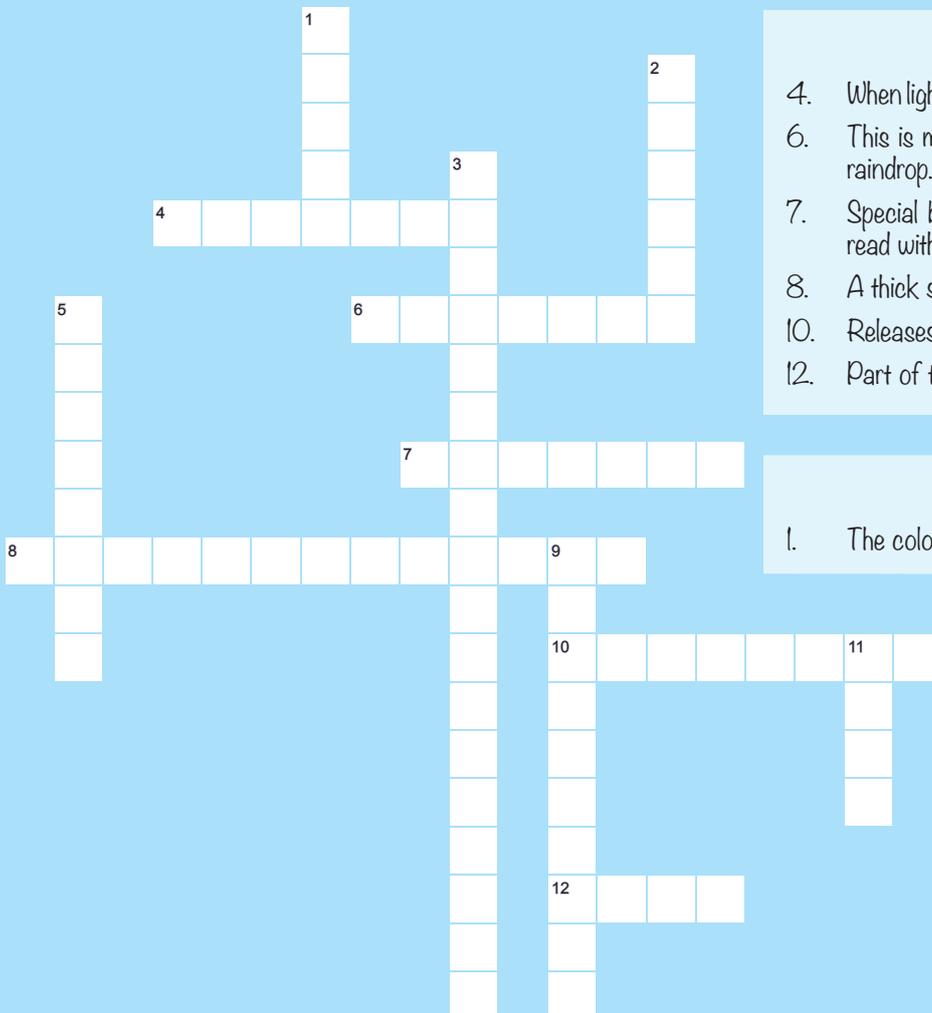
Questions

- Diffuse reflection.
- If the angle of incidence is 80° then the angle of reflection would be ...
- The name of the light ray hitting the mirror's surface.
- An example of refraction.
- The noise produced with a short wavelength.
- Used to correct hypermetropia.
- Light energy that has a longer wavelength than red light.
- A loud sound.
- Has trouble seeing objects in the distance.
- An object that light rays bounce off.
- How an object appears on the back of the retina.

Final Answer

80°		high pitched
incident	concave	
	infrared	myopia
upside down	reflector	

5. Crossword



A crossword grid with 12 numbered starting points for clues. The grid is composed of white squares for letters and light blue squares for empty space. The numbers are: 1 (Down), 2 (Down), 3 (Down), 4 (Across), 5 (Down), 6 (Across), 7 (Across), 8 (Across), 9 (Across), 10 (Across), 11 (Across), 12 (Across).

Across

- When light rays spread apart, they are said to ...
- This is made when white light is dispersed in a raindrop.
- Special bumps and dips that blind people can read with their hands.
- A thick solution that gives the eyeball its shape.
- Releases tears into the eye.
- Part of the retina.

Down

- The colour of natural sunlight.
- The area where light has been blocked by an opaque object.
- Part of the ear involved in balance.
- If refraction is light bending, then reflection is light ...
- Carries messages from the eye to the brain.
- Made when you combine equal amounts of green and blue light.