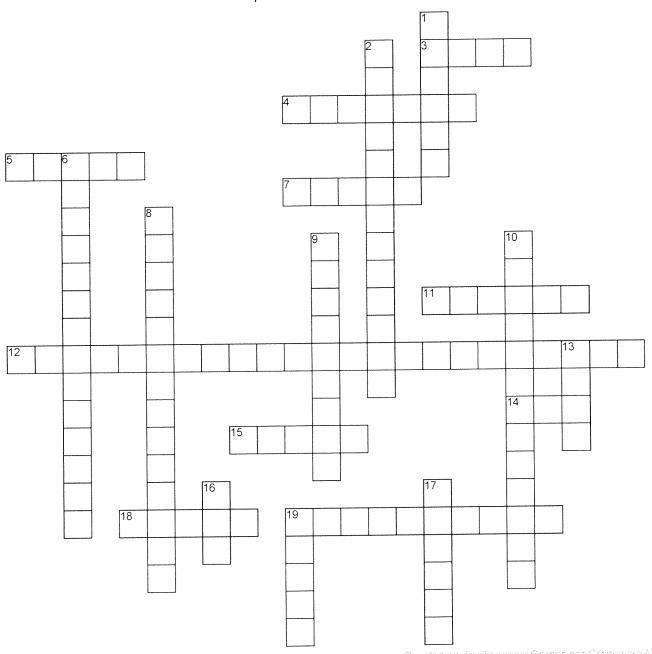
## Colors of light:

Name	HR	Block	-
Answer each question in at question within your answer to hely quote evidence from the text)	least two complete sent p. Remembers capitals and per	ences. (Helpful hint: Use part of riods, and to either paraphrase or	f the
We know that light move colors we see? Use evide the article may help)	es in waves. What does the vence to help explain your ans	wavelength have to do with the swers. (hint: the image at the to	e op of
2) Why do we see specific o white shirt white?	colors? For example, why do	we see a red apple as red? Wh	ıy is a
3) Our eyes are incredible.	What part/parts of the eye a	allow us to see?	
4) What are the primary co what?	olors of light? When these ar	e mixed together it is known a	ıS

Name:			

## Color of Light

Complete the crossword below



## Horizontal

- 3. One of the primary colors of light.
- 4. All of the colors of the spectrum look like a \_\_?
- 5. When mixing all the colors of paints together, we get \_\_?
- 7. We need \_\_\_\_\_ to see colors. That is why all things look dim or grey at night.
- 11. The shorts wavelength in visible light spectrum.
- 12. Visible light is a small part of the \_\_\_?
- 14. If I wear a red shirt, all of the colors are absorbed except for \_\_\_\_ which is reflected.
- 15. One of the primary colors of light.
- 18. These photoreceptors detect color
- 19. Light is made up of \_\_\_\_\_

## Vertical

- 1. Some colors are 'soaked up', this means...
- Laser pointers are \_\_\_\_\_\_, meaning only one color.
- 6. When colored lights are mixed together, it is called ?
- 8. The name given to the rods and cones.
- 9. Some colors 'bounce off' this means.....
- 10. White light is made up of all of the colors, so we say it is \_\_\_\_?
- 13. These photoreceptors detect black and white.
- 16. One of the primary colors of light.
- 17. The part of our eye that contains photoreceptors.
- 19. When mixing all of the colors of 'light' together, we get \_\_?\_\_ light?