

Name _____

Date _____

Bill Nye: Light and Color

1. White light is a mixture of all the _____.
2. Without different colors of light we couldn't see different _____ of things.
3. All the colors of the rainbow are called the full _____ of color.
4. List the colors of the rainbow in order.
5. Each color is its own _____.
6. Red and blue make _____.
7. Yellow and red make _____.
8. Yellow and blue make _____.
9. All the colors mixed together make _____.
10. Why is an apple green?
11. We don't see _____; we see _____ bouncing off things.
12. The colors that aren't reflected are _____ and changed to _____.
13. Mixing the colors of light gives you _____ light.
14. _____ are beams of very intense light.
15. The smoke at dance parties is so that the light has something to _____.
16. The color of an object is the _____ of the light it _____.
17. Black colors absorb all colors and converts them to _____.
18. White helps you stay _____ because it reflects _____.
19. _____, _____, and _____ are primary colors of light.
20. _____ light is long slow waves; _____ light is short, fast waves.
21. _____ light is scattered a lot more than _____ light in the sky so we see more of it and it makes the sky look blue.
22. Why is water blue?
23. White objects _____ all colors; black object _____ all colors.