

Name \_\_\_\_\_

Date \_\_\_\_\_

## Bill Nye: Light and Color

1. Did you know that \_\_\_\_\_ is a mixture of all the colors of the rainbow?
2. When white light goes through a prism it breaks up into all the colors of the rainbow called the \_\_\_\_\_ of colors.
3. Chemicals in the skin of fruits and vegetables absorb and reflect different \_\_\_\_\_ of light.
4. Black cloth feels slightly warmer than a white cloth because it is absorbing all the colors of light and changing it into \_\_\_\_\_.
5. Neon gases inside tubes glow \_\_\_\_\_ when they're charged by high voltage electricity.
6. \_\_\_\_\_ are very powerful light!
7. The color of an object is the color of the light it \_\_\_\_\_.
8. Red, green, and blue are \_\_\_\_\_ colors of light, and our eyes are especially sensitive to them.
9. The sky is blue because air molecules in the sky \_\_\_\_\_ blue light a lot more than any other color.
10. I hope you've found today's show \_\_\_\_\_.