

Light & Color

These questions will enable you to conduct a pre-assessment and post-assessment of your students' knowledge of light and colors. The questions are directly related to the subject matter taught in the program. An answer key is provided. Please comment on the value of this material when submitting the program evaluation form.

1. We have to have _____ in order for our eyes to see color.
2. Name 2 sources of light.
3. How does light travel?
4. Give an example of an object that is transparent.
5. When light is shined on opaque objects, they make _____.
6. How does the weather have to be in order to make a rainbow?
7. What does ROY G BIV stand for?
8. When you mix red and yellow, what color does it make?
9. When you mix yellow and blue, what color does it make?
10. When you mix red and blue, what color does it make?

Answer Key

1. light
2. sun, flashlight, fire, light bulb, etc.
3. straight line
4. glass window, windshield, eyeglasses
5. shadows
6. rainy and sunny
7. the colors, in order, of the rainbow: red, orange, yellow, green, blue, indigo, violet
8. orange
9. green
10. purple