

We need light and color to see the beautiful nature. We see many colors, each influencing us in ways we may not even realize. Colors not only provide convenience but also set rules and make promises. They also have the power to capture people's hearts. So, why do certain objects and places have specific colors?

Worksheet

The Dynamic Energy of the Color Red

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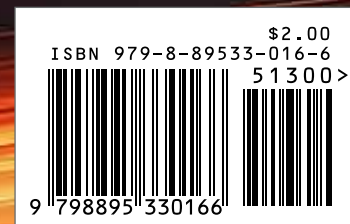
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Check Problem 01

We can find many colors around us. Red is a bright color that easily catches our eyes. That is why red is used in traffic lights and danger signs. Where else can we find red being used?



Answer

Check Problem 02

Roses come in many colors, and each color has a different meaning. A red rose symbolizes love, and a yellow rose represents friendship. But a blue rose does not exist naturally because roses do not have the gene for blue. What do you think a blue rose might mean?



Answer

Check Problem 03

What comes to mind when you hear the word "Christmas"? You probably think of Santa on a sleigh pulled by Rudolph. Rudolph has a bright red nose. Santa visits children on Christmas wearing a red hat and suit. Why do you think Santa wears red clothes?



Answer

Check Problem 04

A black box is a recording device in vehicles. It records the movements of cars or airplanes. If there is an accident, the black box helps find out what happened. But even though it is called a black box, it is actually orange. Why do you think it is orange?



Answer

Check Problem 05

If we stare at something red for about 15 seconds and then look at a white wall, we will see green. This is called a "complementary color afterimage," and it happens because of eye strain. In hospitals, doctors wear green scrubs during surgery. What could be a problem if doctors wore white scrubs instead?



Answer

Check Problem 06

When light reflects off an object and enters our eyes, we see its color. Our eyes send signals to the brain, which helps us understand the color. But this process isn't always accurate. Sometimes, what we see isn't the object's real color. Can you think of a time when a color looked different from what it really was?



Answer
