

	<b>Light</b>	<b>Objects</b>	<b>Eyes</b>	<b>Numbers</b>	<b>Seeing</b>	<b>Photography</b>	<b>Challenge</b>	<b>Explorations</b>
<b>1</b>	What is color?	Why are leaves green?	Why are eyes different colors?	How many different color crayons are there?	What's my favorite color?	How do colors mix to make other colors?	What is color?	
<b>2</b>	Why is a rainbow?	Why do colors of stained glass windows look so beautiful and different from other objects?	Why does our pupil change size?	What are the primary colors?	Why do colors fade in the evening?	What is a camera?	Can different people see the same rainbow?	
<b>3</b>	What is the best color for sunglasses?	Why do leaves change in the autumn?	How are animal eyes different from human eyes?	Why is three an important number in color?	Why do flowers have different colors?	How does a color television make colors?	Can a dog see color as well as you?	
<b>4</b>	Why is the sky blue?	Would a dark colored M&M melt faster than a light one?	Why are some people color blind?	How many colors are there in the world?	What does the world look like to color blind people?	How do digital cameras detect color?	If I have a room with 50 men and 50 women in it, how many will be color blind?	
<b>5</b>	How do fireworks make light and color?	How does a mood ring work? What do the colors mean?	Why can't I see colors at night?	How does a computer represent colors as numbers?	Why can I see well outside when my mom (who's inside) thinks it's too dark to be out?	Why does the moon look large on the horizon, but this doesn't show up in photographs?	What is the functional difference between rods and cones?	
<b>6</b>	How does the light affect how bright a color appears?	Why is green often used for surgeon's scrubs?	Why do people get red-eye in photographs?	Can my computer really display "millions" of colors?	What is the meaning of different colors?	Why aren't my photographs the same colors as the original scenes?	What is adaptation?	
<b>7</b>	What is light?	What color is the moon?	Why can't we see all the different colors (wavelengths) within one color?	How are colors measured?	If no light falls on an object does it still have a color?	How does an ink-jet printer produce colors?	How is color perception different from hearing?	
<b>8</b>	Why can we only see visible radiation?	How can two objects match in one lighting and not match in another?	Do you attribute the incredibly complex workings of the eye to evolution or creation?	How many dimensions are required to describe color appearance?	Why is color?	Why is digital TV better than analog TV? Is HDTV really better than SDTV?	What is metamerism?	