

Ice Investigation Station #3 or #4

Color Coded Ice

1. Turn on a flashlight—what color is the light coming out of the flashlight? _____. Use your flashlight to examine the three blocks of ice on your table. Note the color and brightness of each block in the spaces below.

Brightness/Color of Block #1	Brightness/Color of Block #2	Brightness/Color of Block #3

2. Turn on another flashlight—what color is the light coming out of the flashlight? _____. Use this flashlight to examine the three blocks of ice and note the color and brightness of each block in the spaces below.

Brightness/Color of Block #1	Brightness/Color of Block #2	Brightness/Color of Block #3

3. Turn on the last flashlight—what color is the light coming out of the flashlight? _____. Use this flashlight to examine the three blocks of ice and note the color and brightness of each block in the spaces below.

Brightness/Color of Block #1	Brightness/Color of Block #2	Brightness/Color of Block #3

Why might scientists want to look at a planet's surface using different colors of light?