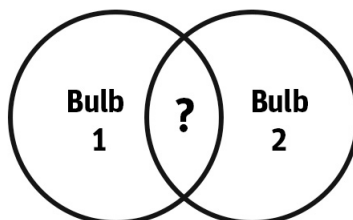


Data Collection Form for Poking Fun at Color



Record your observations from the following experiments in the table below.

1. Start by turning on only the red and green bulbs. Position the viewer so the light from the two bulbs overlaps on your wax-paper screen. (You may need to move closer to the light source.) What color do you see in the area of overlap?
2. Turn off the green light and turn on the blue, leaving the red still on. Now what color do you see in the area of overlap?
3. Finally, turn off the red and turn the green back on. What color do you see where the blue and green lights overlap?

Bulb 1 Color		Bulb 2 Color		Color of Light at Overlap
Red	+	Green	=	
Red	+	Blue	=	
Blue	+	Green	=	

What color do you think you'll see when all three lights are turned on and overlapping? Make a prediction before doing the experiment.

