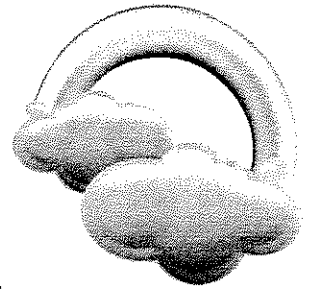


Name _____



IS THERE A DOMINANT COLOR IN A BAG OF SKITTLES?

In this activity we will be reviewing the scientific method while actually using it! We will be working through the scientific method step by step, using skittles. The purpose of the experiment will be to figure out if one color skittle is more dominant (occurs the most) in a bag of skittles.

1. **DEFINE THE PROBLEM?** - In a bag of Skittles, which color is the most dominant?
2. **COLLECT INFORMATION?** Based on what you know about skittles and what your lab partners know about Skittles, share any information you have about skittles...



3. **FORM A HYPOTHESIS?** Make an educated guess about the color you think is the most dominant skittle. (*Write a sentence.*)

4. **TEST YOUR HYPOTHESIS**- Count the skittles in your bag. Record your data in the observations section.

5. **OBSERVE**: complete the table below.

COLOR OF SKITTLE	NUMBER AT TABLE	TOTAL IN CLASS
Red		
Orange		
Yellow		
Green		
Purple		
Total Number of Skittles in Class		

6. **DRAW A CONCLUSION**- Look back at the hypothesis you made at the beginning of the experiment. Based on the data collected, was your hypothesis correct? Why or why not?
