Title: Math with Skittles!

Grade: 1st

Objective: Students will gather data about the colors of Skittles in a package by sorting them and then display the data accurately in a bar graph.

Related SOL's:

    1.1   The student will count objects in a given set containing between 1 and 100 objects and write the corresponding numeral.

    1.18   The student will investigate, identify, and describe various forms of data collection in his/her world (e.g., recording daily temperature, lunch count, attendance, and favorite ice cream), using tables, picture graphs, and object graphs.

    1.19   The student will interpret information displayed in a picture or object graph, using the vocabulary *more, less, fewer, greater than, less than,* and *equal to.*

    1.20   The student will sort and classify concrete objects according to one or more attributes, including color, size, shape, and thickness.

Materials: one snack size bag of Skittles per student, Skittles sorting page, Skittle graphing page, crayons

Prerequisite knowledge: basic knowledge of bar graphs, number and counting skills

Procedures:
1) Review bar graphs with students on the carpet.
    → point out graphs in classroom
2) Discuss with the students that we will be collecting data on Skittle colors.
3) Describe that we will be sorting the Skittles by color with our sorting page.
4) Show how we will color in one block per Skittle on the Skittle graphing page to compare the amount of each color of Skittles in each bag.
5) Have the students go back to their seats and pass out the materials.
6) Students will color the sorting page Skittles the appropriate colors.
7) Students will sort the Skittles by color and record the data on the sorting page.
8) Students will fill in their bar graph by coloring each space the appropriate color so that the sorting page and bar graph match.
9) Students will share their bar graph with a partner to compare results and discuss differences and similarities in their data.
10) Students will share their graphs with the teacher and the class on the carpet.
11) The students will dispose of the Skittles however they wish!

Evaluation: Collect the bar graphs to check off that each student accurately depicted the data they collected.

Adaptations for Special Needs: For those students with special needs, the teacher will have an informal interview with them to test their knowledge of the bar graph. Assistance will be given to create the bar graph as well if necessary.
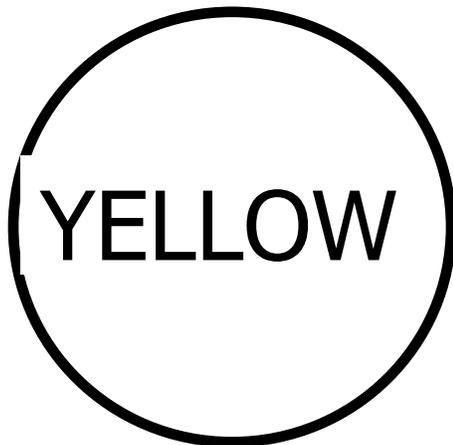
RED
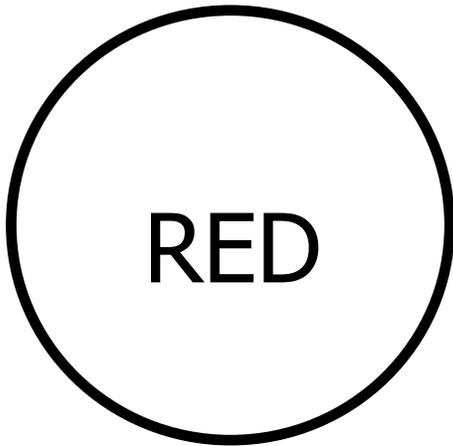
Number of orange Skittles _____

ORANGE
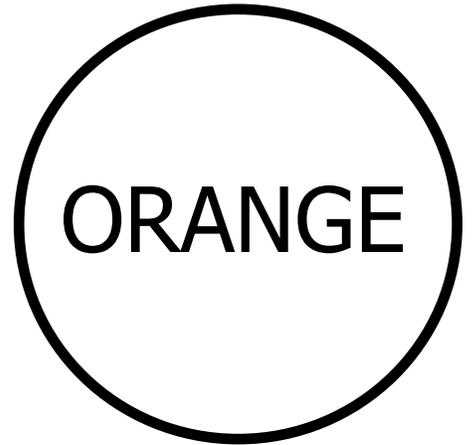
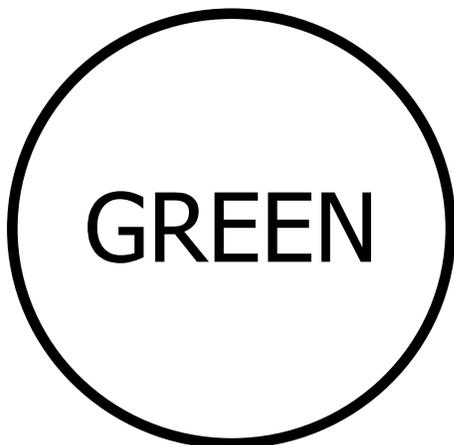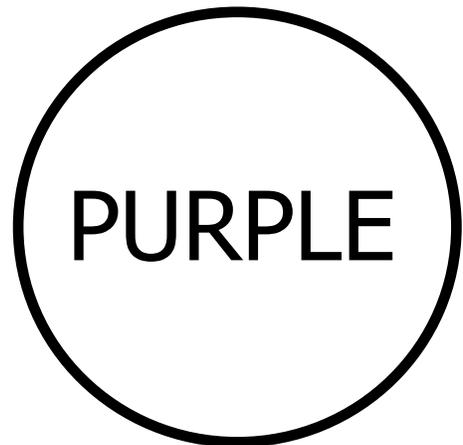Number of red Skittles _____

YELLOW

Number of purple Skittles _____

Number of yellow Skittles _____

PURPLE

GREEN

Number of green Skittles _____

Name _____

MATH WITH SKITTLES

1. What color has the most Skittles?

_____

2. What color has the fewest Skittles?

_____

3. How many purple Skittles are there?

_____

4. How many yellow Skittles are there?

_____

5. What is your favorite color Skittle?

_____

Name _____

SKITTLE MATH

RED	ORANGE	YELLOW	GREEN	PURPLE