

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:

- 1.14 The student will investigate, identify, and describe various forms of data collection (e.g., recording daily temperature, lunch count, attendance, favorite ice cream), using tables, picture graphs, and object graphs.
- 1.15 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*.

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

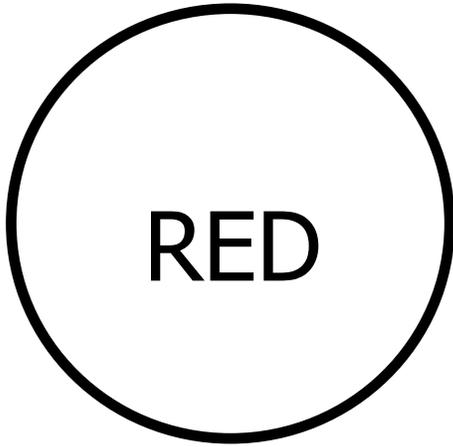
Procedures:

- 1) Review bar graphs with students
- 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 Skittle in each bag.
- 5) Students will color the sorting page Skittles the appropriate colors.
- 6) Students will sort the Skittles by color and record the data on the sorting page.
- 7) 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 complete the 'Math with Skittles' page
- 10) 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.

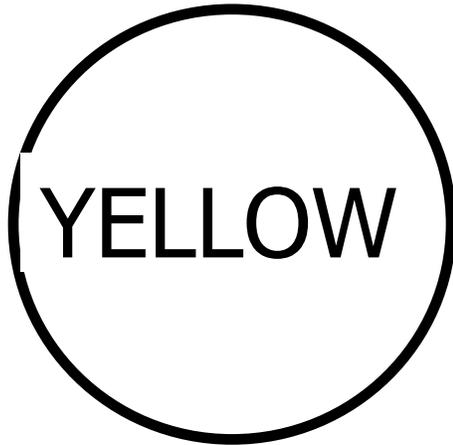
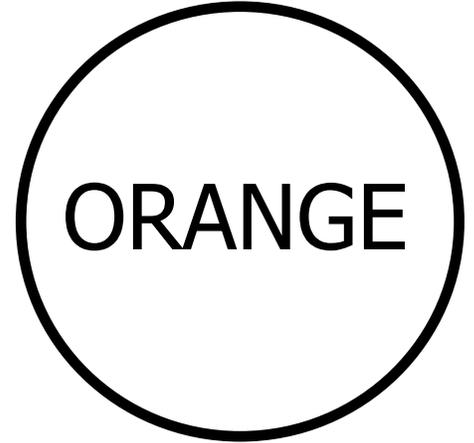
Differentiation: The top ability group will do the extension page attached. The lowest ability group will complete the sorting and graph. The 'Math with Skittles' page will be completed with this group orally.

Name _____



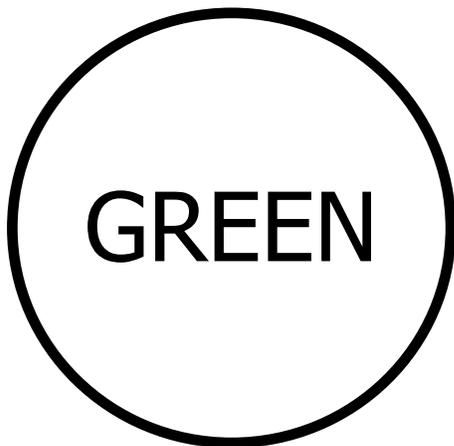
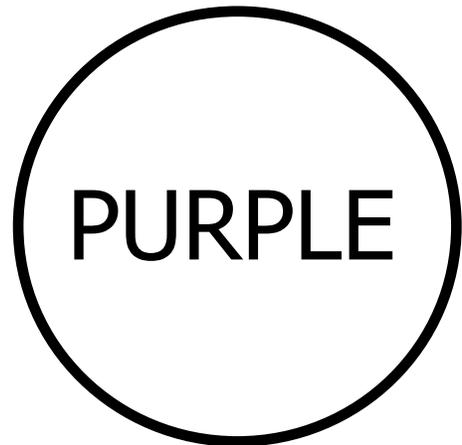
Number of red Skittles _____

Number of orange Skittles _____



Number of purple Skittles _____

Number of yellow Skittles _____



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 _____

ADDITION WITH SKITTLES

1. Add the number of yellow and red Skittles.

2. Add the number of orange and green Skittles

3. Add the number of purple and red Skittles.

4. Add the number of yellow, green, and purple Skittles.

5. Add the number of red, orange, and purple Skittles.

Name _____

SKITTLE MATH

red	orange	yellow	green	purple