What Color Are Your Skittles?
Grades 5-6

Overview	In this lesson the child will learn how to create spreadsheets in Exel, to chart the different colors in a package of Skittles. They will collect data, create appropriate charts and use percentages to describe quantities.
Objective	The student will learn how to create a spreadsheet on Excel to chart the different colors in a package of Skittles. They will collect data, create appropriate charts and use percentages to describe quantities. Then use this data to make a pie graph on ChartGizmo.
Standards	
Materials	1. Package of Skittles for each student 2. ChartGizmo 3. Microsoft Excel
Procedure	Open the package of Skittles and tally the amounts of the different colors of Skittles found in your packages . 1. Create your ChartGizmo account. Open up Microsoft Excel. 2. Click the mouse in cell B1 and type "My Skittle Colors" in the entry bar. 3. Highlight "My Skittle Colors" in the entry bar and change the font size to 14 and BOLD. 4. Press the enter key to move the information from the entry bar to the active cell. 5. Click the mouse in cell B3 and type in "Green". Highlight the word Green and change the font to size 12 and make it BOLD. 6. Highlight cells B4 through B7, change font to size 12 and BOLD. 7. Enter the names of the different colors of the Skittles into cells, B4, B5, B6 and B7. Place your mouse in cell B4 and type in the next color. Continue until all the colors are entered. 8. After you have labeled all of your candy colors, you will

	need to enter the data recorded for each color. Click the mouse in cell C3 and enter the number of green Skittles found in your package. Repeat for all the colors, entering the data down column C.
	9. Once the data is entered, go to your ChartGizmo account. Create a new pie chart. In the Title Selection space type _____'s Skittles. (Put your name on the blank line.) Click on the Data Option tab and select percentages, and then Finish
	10. Move the Pie chart off the spreadsheet table by clicking on the pie chart and dragging to the side. To increase the size of the pie chart, drag down on the bottom and side of the chart area, and the chart will grow in size.
	11. Change the color of each piece of pie on the chart by double clicking on the color square in the legend, and selecting the appropriate color from the Pattern tab color chart. The legend and the piece of pie will change to this new color after you click OK.
	12. When you have completed your pie chart, click on Print Preview to make sure that the chart and the spreadsheet will be printed.
Evaluation	Students complete their spreadsheet and pie chart graphs. They compare their results to answer opening question and check the web site to see if their pie charts and percentages are the same as those advertised on the Skittles website.