Practicing Percents

Jennifer Reis
of The Upper Elementary Classroom
Pass out the multi-colored candy that you plan to use with your students. Smarties are cheap and work great! :) 

Each student counts how many candies he or she has and writes it in the top oval of his/her paper.

Students list colors. Each student counts each color, and works through the columns to figure the percent he or she has of each color (if possible, allow students to use calculators. This helps students focus on the PROCESS of finding percentages).

Have students graph their results and discuss. (A Pie Graph is the easiest to visualize 100% of the candies. Have students lay their candies on each section to make the correlation between the size of the slice and amount of each color).

To figure out the percentage:
# of the color / Total # of candies
x 100 = % of each color

Smarter Balanced Claim #4 Modeling and Data Analysis
“Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.”

For more math activities, visit my store:
http://www.teacherspayteachers.com/Store/The-Upper-Elementary-Classroom

Be sure to FOLLOW me for more FREEBIES too!

Have a great school year!
-Jen
Name:

**Fractions, Decimals, & Percents!**

How many total candies are in your package?

---

**Fill in to find the percentage of each color in your package.**

<table>
<thead>
<tr>
<th>COLOR</th>
<th>how many</th>
<th>fraction</th>
<th>decimal</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINK</td>
<td>5</td>
<td>5/15</td>
<td>0.33</td>
<td>33%</td>
</tr>
</tbody>
</table>

Do these match? Why should they?

---

<table>
<thead>
<tr>
<th>Sum of All Colors</th>
<th>Sum of All Fractions</th>
<th>Sum of All Decimals</th>
<th>Sum of All Percents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1.00</td>
<td>100%</td>
</tr>
</tbody>
</table>
★GRAPH your data.

Graph Title

Hint: Each tic mark is 5%.

Key

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>