

Create Your Own Periodic Table

Procedure:

Write down the following items into your lab notebook.
Write down 3 physical properties for each item.
Create a "Periodic Table" using the properties you wrote down.
The periodic table does NOT have to be a perfect square.

Items:

6" x 6" x 6" cardboard box
Basketball
Blue Post-it note
Car Tire
Doughnut (Standard brown)
Girls Softball
Grape Jell-O Square
Green marble
Kiwi
Orange hard Lifesaver
Penny
Physical Science Book
Piece of apple pie covered in whipped cream
Piece of printer paper
Quarter
Silver pinky ring
Slice of cheese pizza from Pizza Hut
Slice of grape jelly toast cut diagonally
Sugar cube
Wheat Toast
Yield road sign

Questions:

1. Explain the system you used to group your items.
2. Did any of your items NOT fit? If so, why.
3. How is this lab like what Mendeleev had to do?
4. Which property(s) seemed to be the most beneficial and why?