
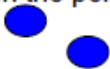
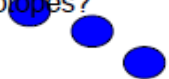
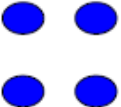
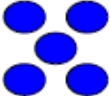
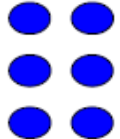


Science Lesson **ThinkDOTS - Matter**

<p>How do the atomic numbers in the periodic table change from the top to the bottom? From left to right across the table?</p> 	<p>Predict as many properties for potassium as you can. To make your predictions, look at the information in the box for this element and consider its location on the periodic table.</p> 	<p>Carbon is atomic number 6. How are two carbon atoms with mass numbers of 12 and 14 different? Why are these atoms called isotopes?</p> 
<p>Why do you think scientists used the term "cloud" to describe the position of electrons in an atom?</p> 	<p>There are three jars in the front of the room. Each has a substance with a strong odor. One is a solid, one is a liquid, and one is a gas. Which odor would students in the back of the room smell first? Why?</p> 	<p>Suppose you were given some sugar cubes, a grinder, some water, a pan, and a hot plate. What physical and chemical changes could you make in the sugar?</p> 

P. Goolsby & K. Brimijoin,
Amherst County Schools, 2000