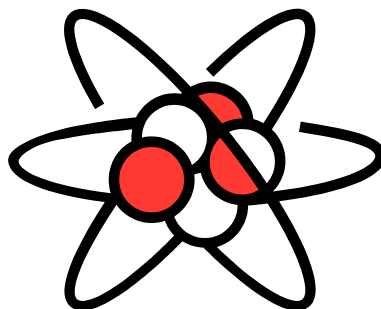


# Bubble Molecules



<b>Grade:</b>	8
<b>Overview:</b>	Students will create molecule models using the mapping application on <a href="http://bubbl.us">bubbl.us</a> .
<b>Objective:</b>	Given a list of molecule symbols, the students will create molecule models. They will use the <a href="http://bubbl.us">bubbl.us</a> application to create and label each model. This activity will be completed with a 90% accuracy rate.
<b>Standards:</b>	8.3.8 Explain that all matter is made up of atoms which are far too small to see directly through an optical microscope. Understand that the atoms of any element are similar but are different from atoms of other elements. Further understand that atoms may stick together in well-defined molecules or may be packed together in large arrays. Also understand that different arrangements of atoms into groups comprise all substances. (Core Standard)
<b>Materials:</b>	<ul style="list-style-type: none"><li>• Computers with Internet access</li><li>• List of 10 molecule symbols (5 different lists)</li></ul>
<b>Procedure:</b>	<ol style="list-style-type: none"><li>1. Take the students to the computer lab.</li><li>2. Explain that they will be individually creating molecule models on the <a href="http://bubbl.us">bubbl.us</a> website.</li><li>3. Give each student one list of 10 molecule symbols. Make sure that students are not sitting next to someone who has the same list.</li><li>4. Demonstrate on the teacher's screen how to use the <a href="http://bubbl.us">bubbl.us</a> application.</li><li>5. Allow the students to create their models to match their list. Continue to monitor them during this time. (30 min)</li><li>6. Have the students print off their models and turn them in to you.</li><li>7. Recap on molecule structure and ask for questions.</li></ol>
<b>Evaluation:</b>	This activity is worth 20 points (2 points per model). Points will only be given for correct models.