



### Element Model Rubric

OK, let's get creative!! The element that you have chosen is to be represented as a **3-dimensional model** following the Bohr model. Your element model should have the following criteria:

- ✓ Name and the symbol of the element (10 points)
- ✓ A nucleus with the correct number of protons and neutrons (20 points)
- ✓ Electron shells **labeled** (1, 2, 3, 4, etc.), with the correct number of electrons in each shell (20 points)
- ✓ VALENCE e- labeled as such (5 pts)
- ✓ A **key** representing the protons, neutrons, and electrons, including the total # of each (10 points)
- ✓ Creative display, 3-D, neatly done (15 points)
- ✓ Presentation: (2-3 minutes) Be prepared to answer questions regarding your element. Know the meaning of any words you use from your brochure. Present information without reading from your brochure (20 points)
- ✓ Earn **5 extra bonus points** if you build your model out of Earth-friendly materials, i.e. biodegradable



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