What’s it Made Of?

Choose a basic everyday object (such as chalk, bleach, etc.) and conduct research to discover what compounds, molecules, and elements make up the object. Some suggested everyday objects can be found at the following websites:
- [www.chemicalformula.org/chemistry-help/common-chemical-formula](http://www.chemicalformula.org/chemistry-help/common-chemical-formula)

You will then create a poster that details the object and include the following information:
- Poster title
- Illustration or drawing of the object
- Chemical Formula of the object
- Illustrated or printed out Bohr model of each element that makes up the object
- List of number of protons, neutrons, and electrons for each element that makes up the object
- List two facts about the object
- You will also be graded on your organization, layout and design, and mechanics (grammar, punctuation, and neatness)

Finally, create a question about your object’s atomic structure and create a QR code linking to the question. Print your QR code and tape it to your poster. There are many different free QR code generators including these websites:
- [www.qr-code-generator.com](http://www.qr-code-generator.com)
- [www.qrstuff.com](http://www.qrstuff.com)

Refer to the rubric for scoring:

**Poster**
- Illustration or printed picture of object 10 points
- Chemical Formula of object 15 points
- Illustrated or printed Bohr models of each element 15 points
- List #of protons, neutrons, and electrons for each element 15 points
- List two facts about the object 15 points
- Organization 5 points
- Layout and Design 5 points
- Mechanics (grammar, spelling, punctuation) 5 points
- Title 5 points

**QR Question**
- Create a QR Question related to your object 10 points

**Total Points**  _____/100 points