**CHEM-ART: Periodic Table Redesign Directions**

**DUE Thursday, DEC. 17**

PROGRAMMING PHASE – Summative Assessment (50 pts.)

* Research packet - add any additional research resources you use to this for “above and beyond.”
* Five concept sketches
* Final idea sketch
* Notes from middle school student on final idea sketch
* Changes to design based on middle school feedback

DESIGN CONCEPT – Final Assessment (100 pts.)

* Client board – 8.5 collage of inspiration for project – “Mood board” for your client to keep you on-track with your design.
	+ Use collage, Pinterest, or photography – this should not take you more than a half-hour. Have some fun with it!
* Sketch board – 18x12 or computer-based illustration (if you know how) *– Approx. 1 hour*
	+ Top, side, bottom views.
		- The goal of this is to communicate all the pieces of your design. I will be looking for detail and thought, not skill and style!
		- Be as neat as you can, to make sure your details are readable. Feel free to pull picture references from online.
	+ Material diagram – what will it be made of?
		- Arrows!
	+ Drawing of the entire table on a small scale – make it quality. Again, you may use computer help for this if you know some programs.
	+ Remember: your design client is a middle schooler. Make the board appeal to middle school sensibility.
* Create a model of three elements, so your client has a solid idea of how they interact/fit together. If you are doing a computer program, a detailed illustration of what would appear on the computer screen***. The materials in your model would not necessarily be the same that you would produce your final product with, but make the model to-scale and as visually accurate as possible.*** *Approx. 3 hours*

***Rbrown.kwoods.org for examples and helpful links!***