*Review Topics and One Pager Instructions on back of this paper. Do the One Pager on this side of the page.*

**S-4**

**Name: Period: Seat#:**

 **This is a general list of some of the topics we have covered this chapter. These are suggested study topics, not a definitive list. You can/will be assessed on not just whether you have memorized the material, but also if you can apply the information to a new scenario/situation/context/example. Remember – there is a difference between “knowing” something and truly “understanding” something – memorization vs applying!**

* Thermochemistry
* Thermodynamics
* Kinetics
* Equilibrium
* Atomic Structure
* Bonding
* Gas Laws
* IMF’s
* Solutions
* Acid Base
* Electrochemistry

One Pager Instructions

A one-pager is a written and graphic interpretation of what you’ve learned presented on a single sheet of paper. In this case, you will demonstrate that you have successfully practiced strategies commonly used by effective learners. The one-pager will help showcase your thoughts and will provide a reference for later review or further study of the topics.

**Guidelines:**

* Use 8.5 x 11” unlined paper
(you will use the front of this paper).
* Fill the entire paper
* Writing must be in ink, no pencil.
* Use color for illustrations.
* Include all required information
(arrange it on page any way you choose).
* Must show higher level THINKING and PROCESSING of the information, not just regurgitating every fact you learned.
* Needs to show a high level of effort, detail, thought, and care. This is not something you scribble out during brunch before class starts!
* Must be clear, easy to read, understandable

 **Required Information:**

* Chapter number and title
* Must address all the Review Topics above
* Key equations (with names of equations if applicable).
* List of key concepts/topics
* Five most important vocabulary words/terms
* Explanations of words or ideas that correspond to the chapter
* A “warning” or “tips” section
* Visual representations of the important aspects of the chapter
* Two higher level questions about the concepts INCLUDING answers. These are not *calculations* to solve.
* Two annotated/explained “representative practice problems” for any topics related to math. If no math in the chapter then does not need to be included.
* A 10 sentence paragraph that summarizes and connects the information together. Will be done below on this side of the paper.

**Ten Sentence Summary** -*Pretend you are writing a little miniature textbook selection for this chapter!*