

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Seat#: \_\_\_\_\_

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

## Dougherty Valley HS Chemistry

### Chapter #4 – Review Topics and One Pager

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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!

- |                            |                     |                            |
|----------------------------|---------------------|----------------------------|
| • Periodic Table Structure | • Atomic Radius     | • Electron affinity        |
| • Classes of elements      | • Ionic Radius      | • Reactivity               |
| • Group names              | • Ionization Energy | • Shielding                |
| • Valence electrons        | • Electronegativity | • Effective Nuclear Charge |

## **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 five 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 standard (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 (you can arrange it on the page in any way you choose).
- Make sure your One Pager is clearly understandable, easy to read, and full of evidence of higher level thought.
- Needs to show 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!

### **Required Information:**

- ☐ Must address all the Review Topics above
- ☐ Chapter number and title
- ☐ Five most important vocabulary words/terms
- ☐ Key equations (with names of equations if applicable).
- ☐ List of key concepts/topics
- ☐ Explanations of words or ideas that correspond to the chapter
- ☐ Two or more higher level questions about the text (Look up Costa’s Levels of Questions for help) INCLUDING answers. These are not “practice problem” calculations to solve.
- ☐ Two or more Annotated/explained “representative practice problems” for any topics related to math.
- ☐ A 10 sentence paragraph that summarizes and connects the information together.
- ☐ Visual representations of the important aspects of the chapter
- ☐ A “warning” or “tips” section