

JH Physical Science Study Guide

Remember, study the entirety of the information. Don't simply study the "easy way" for example, Quizlet. Study to understand the concept not simply memorize information. If I ask questions in a different way that you memorized... oh my!

What do I need to study for this exam?

1. PPT Notes – Chap 16
2. Worksheets – pg NTK Elements, 42,43,48
3. Quizlet Sets – Chap 16 The Periodic Table Problems, Chap 16 The Periodic Table
4. CHI Verses – none
5. Greek & Latin Terms – none
6. NTK Elements – all
7. Screencasts – Chap 16

Some possible Essay Questions MIGHT include (but are not limited to):

1. Describe the makeup of a typical atom. Be sure to include electrical charges of the particles.
2. Compare & contrast the terms atomic number and atomic mass.
3. Discuss how to determine the number of valence electrons in an element using the periodic table and the various families of elements.
4. Describe the two terms isotope and allotrope
5. How is the Periodic Table of the Elements organized? Who first created the table?
6. Using the Periodic Table, be sure to identify: metals, nonmetals, metalloids, transition metals, rare earth elements, Lanthanides, Actinides, Alkali Metals, Alkaline Earth Metals, Noble Gases, Halogens, Chalogens, etc.

8. Unit Concept Map: