

Physical Science Chapter 15 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 14- An Intro to Matter
2. Worksheets – pg.10, 38, 9, 19, 17, 10, 36, 40
3. Quizlet Sets –Physical Chapter 14 – Slides,
4. CHI Verses – none
5. Greek & Latin Terms – none
6. Screencasts – Chap 14- An Intro to Matter

What do I need to study for this exam?

1. PPT Notes – Chap 15- Changes in Matter
2. Worksheets – pg. 41, 20, 21
3. Quizlet Sets –Physical Chapter 15 – Slides,
Chapter 15 – Changes in Matter
4. CHI Verses – none
5. Greek & Latin Terms – none
6. Screencasts – Chap 15- Changes in Matter

Some of the Possible Essay Questions MIGHT include but are not limited to:

1. What is the difference between Physical & Chemical changes give examples
2. What are the two types of matter and their subgroups? Give examples of each.
3. Compare the metric system with the American Standard System of measurements. Which is the easier to use?
4. Be able to explain the units used in both the Metric and American System of Measurements for Length, Mass, Weight, Volume (both liquid and solid), Temperature and time.
5. John Dalton established the "Atomic Theory". Explain the parts of this theory and explain which is accurate today and which are not accurate.
6. Compare and contrast Elements and Compounds. Include the basic particles of each.

Some of the Possible Essay Questions MIGHT include but are not limited to:

7. Explain the 4 states of matter.
8. Compare & contrast the terms Crystalline & Amorphous solids.
9. What three measurements are used when measuring gasses? Explain.
10. What is Boyles Law? Explain
11. What is Charles Law? Explain
12. Explain what is meant by the terms Manipulated and Responding variable.
13. Why do experiments require the use of a "Constant"?
14. What are the terms used in describing the changes of state?