# Physical Science Chapter 1 Test Study Guide

#### The test will consist of the following item types:

- 7 Modified True/False (Correction of False statements required)
- 5 Fill-in-the-blank (including a word bank with extra terms)
- 9 Short Answer (1 or two sentences each)
- 3 Dimensional Analysis Problems
- 2 Paragraph Essay Items (Students may choose 2 from a list of 4 items)

- 1

#### The following concepts and skills will be covered on the test (not in this order)

- Dimensional Analysis: Solving word problems (See the Sept. 9 Blackboard Post)
- Energy: Characteristics
- Energy: Definition/Description
- Energy: Devices or things that can transform energy (e.g. Human Body)
- . Energy: Source of energy for life on Earth
- Energy: Types of energy transformations (e.g. chemical to mechanical)
- Energy: Ways to add energy to objects
- Force: Examples of forces
- · Force: What it does
- Length: Estimating metric lengths of various objects
- Mass Definition/Description
- Mass: Estimating metric masses of various objects
- Matter: Number of Elements that make up most matter.
- Measurement Metric prefixes
- Phases of Matter: Causes of changes in phases
- Phases of Matter: Evidence that a gas (e.g. air) is matter.
- Phases of Matter: Examples
- Phases of Matter: Molecules of water in different phases.
- Phases of Matter Definition/Description
- Physical Science: Applications to other areas of science
- Scientific Observation: Importance of including units in measurements.
- Scientific Observation: Measureable characteristics of the natural world.

#### Tips for Studying

- Record a page number where the information for each concept or skill can be found.
- Write out your "answer" for each concept above in your own words
- Complete the Dimensional Analysis problems on your own before you check the answers.
- Have a family member or friend gulz you on these concepts.

# **Physical Science Chapter 1 Test**

**WJ Hussar** 

**Physical Science Chapter 1 Test:** 

#### Reviewing **Physical Science Chapter 1 Test**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Physical Science Chapter 1 Test**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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