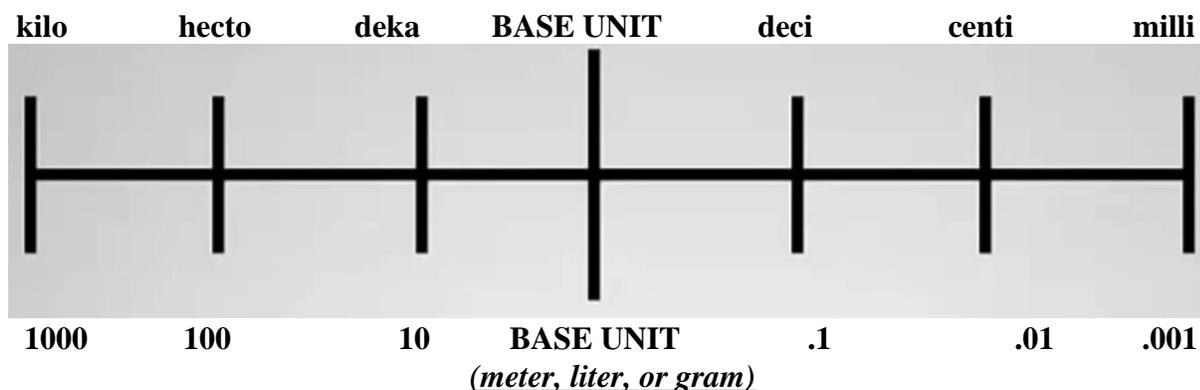


TEST STUDY GUIDE - Mr. Galloway BS, M.DIV.
INTRO to METRIC-MATH & SCIENCE METHOD VOCAB/CONCEPTS

A. BE ABLE TO DRAW & LABEL THIS METRIC SLIDER with prefixes on top; values below.



** There will be NO converting or calculations on this test.

B. BE ABLE TO LIST THE 3 BASE UNITS / and what they measure

Liter = volume

meter = length

gram = mass

C. This time you will still ONLY LIST again the 8 steps of the scientific method.

D. VOCAB from the INTRO of Textbook: Lessons 1, 2, and 3

* Use the Vocab PDF sheet or the textbook pdf for the definitions

Lesson 1 – You need to now the 9 vocab that were on the past quiz.

Critical-Thinking, Hypothesis, Inference, Law, Observation, Prediction, Science, Technology, Theory,

Lesson 2 – You need to know: accuracy, precision, SI-Units, significant-digits

Lesson 3 – You need to know: constants, variable, dependent-variable, Independent-variable

E. CRITICAL (LOGIKOS = New Testament Greek for logical) THINKING:

Explain why & how:

- Metric SI Units are better than our system: it's multiples of 10, so easy to just move decimal, etc.
- Information (Info.) is non-physical and always comes from a non-physical Intelligence (Intel.)
- INFO. is the true reality causing the form & function of atoms, cells, animals, galaxies, etc.
- DNA is Designed Not Accidental, because it is coded information.
- LAWS of science are nonphysical information that come from a non-physical LAWMAKER.
- Genesis 1:1-5 & John 1:1-5 proclaim these foundational science truths because of the LOGOS.
- DIRECT science conclusions are more certain than INDIRECT Science conclusions.
- A Hypothesis can become a Theory, and finally a Law.
- Why a hypothesis, theory, law can NEVER be called a fact or proven true.
- It only takes ONE NEGATIVE TEST to prove a Hypothesis/Theory/Law FALSE.
- MICRO-evolution & MACRO-evolution are NOT the same. They are OPPOSITE.
- All "life" PARTS (forms) are in PROCESSES (functions) for PURPOSES.
- There are NO WHITE people or BLACK people! (Hint: Adam/Eve – we all have melanin skin pigment)