

Name: Answer Key Pd: _____ Date: _____

8th Grade Physical Science Final Exam Review Packet

1. Match the following vocabulary words with the correct definition on the right

- | | |
|-------------------------------|----------------------------------------------------------------------------|
| <u>E</u> Physical Science | A. A systematic investigation to test a hypothesis |
| <u>D</u> Period (of Pendulum) | B. Anything that has mass and takes up space |
| <u>B</u> Matter | C. Expectations alter the way results are analyzed or conclusions are made |
| <u>A</u> Experiment | D. The amount of time for that the bob takes to complete one full swing |
| <u>C</u> Bias | E. The study of energy and matter |
| <u>F</u> Hypothesis | F. Testable idea based on background knowledge |
| <u>I</u> Scientific Theory | G. The application of scientific knowledge |
| <u>J</u> Scientific Law | H. Characteristics of matter |
| <u>H</u> Properties | I. An explanation based on repeated observations |
| <u>K</u> Composition | J. Scientific "rule", describes the behavior of something in nature |
| <u>G</u> Technology | K. The makeup of matter |

2. Circle the vocabulary term that best fits the statement.

- a. The taller a person is, the higher they can jump.
Scientific Theory Hypothesis Scientific Law
- b. All matter is made of tiny atoms in constant motion.
Scientific Theory Hypothesis Scientific Law
- c. A push or pull is required for an object to be set into motion.
Scientific Theory Hypothesis Scientific Law

Physical Science Student Study Guide

TD Snyder



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