

Physical Science Assignment 1-1

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Name _____

Class Period _____

Date _____

Read section 1-1. Then, based on the information in your textbook, answer the following questions :

1. What branch of science includes the study of planet Saturn?

2. What branch of physical science would study the chemical changes that occur when wood burns?

3. What is the goal of science?

4. Describe the three main branches of science.
Life Science

Physical Science

Earth Science

5. Make up a question that might be asked by scientists in each of the branches.
Life Science

Physical Science

Earth Science

Please continue on the other side.

5. In order to develop a true scientific theory, what must scientists do first?

Learn these terms:

Variable – Anything that can affect the results of an experiment.

Experimental Variable – The factor that is being tested.

Controlled Variable – Factors that are kept exactly the same for both the experimental and control groups in an experiment.

Using your textbook, find and write definitions for the following terms:

data

theory

law

Read and try to understand the section of the summary that applies to this assignment. The summary is found in the "Study Guide" at the end of the chapter (page 35).

Be prepared for an open notes quiz on this assignment when you return to class.

If there are things in the assignment that you do not understand, you should be prepared to ask questions before the quiz begins.

Notice! *On open notes quizzes and tests you may use all notes that you personally have written including answers to your homework. You may take (and use) as many notes as you wish, but they **must be hand written by you**. Typed or computer generated notes must be approved before you may use them on the quiz or test.*