

Chapter 1 Study guide

Date _____

Key Words

Science
Scientific theory
Scientific law
System
Life science
Earth science
Physical science
Technology
Hypothesis
Infer
Controlled experiment
Variables
Independent variables
Dependent variables
Constants
Model
Critical thinking
Data

Chapter 1 Test 40 points

Part 1 (10 points) T/F

Key Concepts

Scientific discoveries
3 types of scientific models
Scientific method
Controlled experiment

Part 2 (20 points) M/C

Key Concepts

Experiments and investigations
Questions science can/cannot answer
3 Uses for models
Limitations for models
Steps to the Scientific Method (order)
Examples of technology
Advertising materials

Part 3 (10 points) Matching

Key Concepts

Models change over time
Who can make a scientific discovery?
Understanding the steps to the scientific method