

## Science Homework Week 6 (\_\_\_\_\_)

Make sure you have all your contracts turned in. You will not be able to use the microscopes until they are turned in. You also need to make sure to pass the microscope quiz!

### Monday - Finish Introduction Review.

**Study for test on General Lab Rules, Scientific Method Notes, How Do Scientists Measure Notes, and Characteristics of Living Things Notes - Tomorrow! (See other side)**

### Tuesday - Vocabulary 6      **Study for Microscope quiz!**

microscope- a tool uses lenses to make an object look bigger

lens- a transparent (see through) material that focuses rays of light

field of view- the area you can see while looking through a microscope

magnify- to make larger

focus- correct adjustment of a lens to make a clear image

### Wednesday - Work on Scientist Baseball Cards (due Friday 10/2).

### Thursday - Baseball card due tomorrow!

## Science Study Guide and Vocabulary Test 1

### Unit 1 Vocabulary

science - observing and describing the natural world

hypothesis - a possible explanation or answer to a question (educated guess)

observation - to study closely by using the 5 senses (sight, hearing, smell, taste and touch)

conclusion - a decision or opinion reached by reasoning

scientific method - a series of steps that scientists use to answer questions and solve problems

analyze - to look at carefully to determine why something happened

procedure - a series of steps that a scientist's follows to perform an experiment

variable - the one factor (thing) that changes in an experiment

theory - an explanation that is based on observations and testing to explain a large number of facts

measurement - to find a quantity (number)

metric system - a measurement system that uses meters to measure length, grams to measure mass, and liters to measure volume

meter - the unit to measure length in the metric system

liters- the unit used to measure volume in the metric system

grams- the unit used to measure mass in the metric system

cell - a structure that has all the parts necessary for life

stimulus - a change in an organism's surroundings that changes what the organism does

DNA- the part of a cell that has directions to make proteins

reproduce - to create offspring

energy - what living things need to do the activities of life

Notes to Study: General Lab Rules, Scientific Method Notes, How Do Scientists Measure Notes, and Characteristics of Living Things Notes