List of Assignments for Science

**Unit: Particles**

 3-point approach (be ready to present your word)

 Changes of State Triangle

 -labelled triangle (large yellow sheet)

 -Photo Assignment #1: A Real-life Change of State

 -Quiz: States of Matter

Scientific Method

– Science Pirates

Thought Experiment (dog assignment)

Assessment: Designing a Fair Test

Design – Design Plan

 -prototype (your actual beaker was covered with its material)

 -Your results in table form (including entering them into the computer)

 -your results in graph form COMPARED TO THE CONTROL BEAKER

 -Design Assignment #2: Analyze Your Results (see handout)

3 Methods of Heat Transfer -conduction, convection, radiation

 -3 demonstrations with 3 predictions

 -3 observations

-Photo Assignment #2: A Real-life Example of ONE Method of Heat Transfer

Handout “3 Methods of Heat Transfer”

 -Fill-in-the-Blanks worksheet for on-line simulation (see Weebly for the link)

 -Beginning/Middle/End Drawings (color coded with red and blue)

Photocopied textbook pages “3 Methods of Heat Transfer”

 -Fill-in-the Blanks

 -Analyzing and Interpreting Results of Your Design

 Insulators and Conductors (7-2-09)

 3 Methods of Heat Transfer (7-2-08)

Design Assignment #2: Analyze Your Results (see handout)

Particle Booklet

 -Parts of a Thermometer

How to Read a Thermometer

What is Energy?