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?