



## Bellwork for Week 2: Aug. 30 - Sept. 3, 2004

**Bell #6:** Write a title and hypothesis for the following: What is the effect of different sandpaper grits on the smoothness of wood?

**Title:**

**Hypothesis:**

- Bell #7:**
- (1) What instrument is used to measure mass?
  - (2) What instrument is used to measure weight?
  - (3) How are mass and weight different?
  - (4) What unit is used for mass?
  - (5) What unit is used for weight?

**Bell #8:** Identify the I.V. and D.V. Write a title and hypothesis.  
What might four levels be? How many trials would be sufficient?

**Problem:** Do the number of hours of homework affect your marks in ninth grade?

**I.V.**

**D.V.**

**Title:**

**Hypothesis:**

**Bell #9:** (1) What instrument is used to measure the volume of a regular solid? What unit?

(2) What instrument is used to measure the volume of an irregular solid? What unit?

(3) Why do we sometimes need two instruments (a graduated cylinder and an overflow can) to measure volume?

**Bell #10: (TEST WARM-UP:)**

(1) Write the T-Triangle for Density.

(2) Calculate the density of an object whose mass is 9 grams and volume is 18 cm<sup>3</sup>.

**Show your work!**

(a)

(b)

(c)

(3) What instrument is used to measure the volume of a liquid?

(4) What temperature scale do we use in science?

(5) Line or Bar Graph? What is the Effect of Color of Tennis Outfit on Amount of Body Heat?