**Preparation for Gr 8 Science Test**

Monday Oct 7 (moved to Tues Oct 8)

**Scientific Inquiry**

Identify \*independent variable

 \*dependent variable

 \*controlled variables

 \*control group

 \*experimental group

**Observing Microscopic Objects-Field of View and Scale**

Field of View

 Example: This is a ruler seen under the microscope. Calculate the field of view.

2.5mm

 Scale of Drawings How many TIMES is it magnified?

new/old

 Example: Calculate the scale of the drawing.

Drawing 20 cm/ 10 cm on paper 2 times smaller

Drawing 20 cm/ 40 cm on paper 2 times bigger

**4 ideas of the cell theory** \*be able to put these in your own words

**7 Scientists Contributions to Cell Theory**

* You will be able to use your timeline (see the summary sheet)

**Cell Parts and Their Functions (Jobs)**

Be able to label diagrams of

Plant Cell

Animal Cell

Be able to tell the job (function) of each organelle (part)