

Month- January

Monday January 07<sup>th</sup>- Posters are due

Learn how to use SAGEMODELER – Today's points (10) are based on your effort;

1. Obtain a netbook, login and open chrome browser. You may use the cell phone.
2. SAGE modeler URL: or click on the link from my website (ahewagama.weebly.com)

<https://learn.concord.org/building-models>

3. Each person must create an account 'each person in the group must create an account': remember the login and password -class word is written **on the board.**
4. 5
5. Click on Open SAGEMODELER – You may need to go back to the main page URL.
6. Watch the introductory video.
7. Then complete go back to your student credentials and complete the assigned activity (Boiling Point).
8. Save all your work.

Please return all the netbooks five minutes before the end of the class hour to earn your points. If you leave your netbook on the table "0" points for the day.

Tuesday January 08<sup>th</sup>

Posters overdue

ANYONE WALKING AROUND THE CLASS, EAT OR DRINK WILL DEFINITELY BE GIVEN THE LOWEST POSSIBLE GRADE BASED ON YOUR PERFORMANCE THIS SEMESTER. NO MAKEUP WORKS OR EXTRA CREDIT WORK. Do NOT ROLL OR MOVE CHAIRS.

SAGE MODEL-100 EXTRA CREDIT points WHEN YOU COMPLETE WORK AND SUBMIT) -You learn today and complete as home work.

1. Make sure everyone has registered for the SAGEMODELER.
2. Begin Modeling everything you have learned about EVAPORATION/BOILING/PHASE CHANGES/ENERGY
3. SHOW ME YOUR WORK AS YOU PROGRESS.

Wednesday January 09<sup>th</sup> -

Poster (100points) is overdue however you could still submit for most points: Link to instructions can be found from my web page.

No Cell phones during the experiment

- Do Now- Copy lesson driving questions to your notebook.  
Also answer the question (3):

### Lesson Driving Questions:

1. What are the differences between liquids when evaporating?
2. Why do liquids have different evaporation rates?
3. **Question: What is evaporation?**

**Experiment: Observe evaporation of Acetone, Ethanol and Water**

**A-Acetone      E-Ethanol      H-H<sub>2</sub>O**

**STEPS:** Obtain supplies for the experiments from me.

1. You will have 3 pennies next to a label (A, E, H) on a Petri dish
2. Place 2 drops from each liquid on the corresponding penny.
3. Draw the appearance of the liquids on pennies.
4. Measure approximate time it takes for the liquid to evaporate.