Wednesday, December 12, 2018

Write In Your Agenda:

CW:

- **Hand In Simpson's Scientific Variables Worksheet.**
- Science Fair Projects.

1. Conduct Experiments and record Data and Observations.
2. Graph Data and Write Results Paragraph.
3. Write Conclusion.

HW:

- None.

Write In Your Monitoring Log:

Warm-Up Prompt:

Please write the letter **and** the correct answer on your M.L.!

When writing a results paragraph to **analyze data**, a scientist should:

a. Describe the data in paragraph form including trends and patterns

b. Consider it the last step of the scientific method

c. Complete it prior to beginning the actual experiment to understand others' findings

d. Compare the original research and experimental research

You will need:

- Pencil, Agenda, Monitoring Log. (Yellow)
- Paper Power Point Packet.

Follow these procedures…

1. Clean up.
2. Put your materials in the appropriate spot on the counter.
3. Return to your seat.
4. Take out your Monitoring Log.
5. Summarize what you did for your Science Experiment today.
6. Rate yourself on the Learning Goal and Scale. DO NOT JUST WRITE A NUMBER – ALSO WRITE AN EXPLANATION!!!!

Learning Goal and Scale

- *TSW be able to apply scientific processes to complete laboratory investigations (that include writing PROBLEMS, gathering pertinent RESEARCH to write an appropriate HYPOTHESIS, DESIGNING controlled experiments (including appropriate PROCEDURES), organizing DATA into tables {and graphs when necessary}, and drawing CONCLUSIONS).*

4	In addition to score 3, the student can help teach or mentor his/her peers, apply his/her knowledge outside of the classroom, and demonstrate skill on a regular basis through relevant and meaningful experimentation.
3	TSW be able to apply scientific processes to complete laboratory investigations (that include writing PROBLEMS, gathering pertinent RESEARCH to write an appropriate HYPOTHESIS, designing controlled experiments, organizing DATA into tables {and graphs when necessary},and drawing conclusions.
2	TSW be able to apply scientific processes to complete laboratory investigations that include 3 of the 5 requirements: o Writing PROBLEMS o Gathering pertinent RESEARCH to write an appropriate HYPOTHESIS o Designing controlled experiments o Organizing DATA into tables {and graphs when necessary} o Drawing conclusions
1	TSW be able to apply scientific processes to complete laboratory investigations that include 2 of the 5 requirements: o Writing PROBLEMS o Gathering pertinent RESEARCH to write an appropriate HYPOTHESIS o Designing controlled experiments o Organizing DATA into tables {and graphs when necessary} o Drawing conclusions
0	Even with help, the student experiences no success.