Monday, December 10, 2018

Write In Your Agenda:

CW:

- Science Fair Projects.

1. Conduct Experiments and record Data and Observations.

HW:

- SpongeBob Scientific Variables Worksheet.

Write In Your Monitoring Log:

Warm-Up Prompt:

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

- **Qualitative data**
  a. Is observed by senses and described using words
  b. Should be the only source of information for scientists
  c. Is not as important as quantitative data
  d. All of the above

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. Reflect on what you learned today (something about the Scientific Method, or perhaps you Experiment)
6. Rate yourself on the Learning Goal and Scale. DO NOT JUST WRITE A NUMBER – ALSO WRITE AN EXPLANATION!!!!
7. Place your Monitoring Log in the Turn-in Bin.

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.