

# Friday, November 30, 2018

**Write In Your Agenda:**

CW:

- Establish Science Fair Groups and Brainstorm Topics.
- Finish Gorgeous Graphs.

HW:

- Have monitoring log completed and signed.

**Write In Your Monitoring Log:**

Warm-Up Prompt:

When graphing data, when would you use a bar graph? When would you use a line graph?

You will need:

- Pencil.
- Agenda.
- Monitoring Log. (Blue)
- Gorgeous Graphs Worksheet.

# 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).*

<b>4</b>	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.
<b>3</b>	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.
<b>2</b>	TSW be able to apply scientific processes to complete laboratory investigations that include 3 of the 5 requirements: <ul style="list-style-type: none"><li>○ Writing PROBLEMS</li><li>○ Gathering pertinent RESEARCH to write an appropriate HYPOTHESIS</li><li>○ Designing controlled experiments</li><li>○ Organizing DATA into tables {and graphs when necessary}</li><li>○ Drawing conclusions</li></ul>
<b>1</b>	TSW be able to apply scientific processes to complete laboratory investigations that include 2 of the 5 requirements: <ul style="list-style-type: none"><li>○ Writing PROBLEMS</li><li>○ Gathering pertinent RESEARCH to write an appropriate HYPOTHESIS</li><li>○ Designing controlled experiments</li><li>○ Organizing DATA into tables {and graphs when necessary}</li><li>○ Drawing conclusions</li></ul>
<b>0</b>	Even with help, the student experiences no success.