OBTAIN, GRAPH & COMMUNICATE

1. **Create a Survey Question.**
   a. You should be at least mildly passionate about your survey.
      - ✓ Your survey questions should be appropriate for High School Age Children.
      - ✓ Your survey question must be approved by Coach Hyde!!!

      ⊠ Coach Hyde Signature:_____.
   b. Develop specific answers to your survey question.
      - ✓ Provide at least 4 options, but not more than 8.

2. **Create a google form with your survey question and answer options.**
   a. Go to settings on your form and make sure the following are checked!!!
      - ✓ Collect Emails
      - ✓ Restrict to Users in Jasper County School District
      - ✓ Limit to 1 Response.
   b. The following options should be OFF!
      - ✓ Edit after submitting
      - ✓ See summary charts and text responses
   c. Have Coach Hyde review your form before you share it out.

      ⊠ Coach Hyde Sign Off:_____.
   d. Share it out and get as many responses as you can!
      - ✓ There will be a reward for whoever gets the most responses in 23 hours.

3. **Use the results of your survey to create a data table.**
   a. Data table should be hand written, neat, straight lines, legible, etc…
   b. Points will be deducted for poorly developed data tables.

4. **Graph your data**
   a. You will make each of the 3 following graphs
      - ✓ Bar Graph
      - ✓ Pie Chart (circle graph)
      - ✓ Line Graph (scatterplot)
   b. All of your graphs should be done on graph paper, neat, lines drawn with rulers, color coded, legible, scaled as large as possible, and contain all components that A graph should have according to your learning targets.

5. **Present it**
   a. Create a Loom Video presenting your results
      - ✓ Minimum = 90 seconds
      - ✓ Maximum = 5 minutes

6. **GRADING**
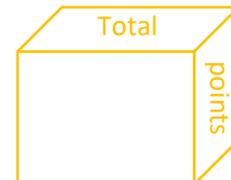   a. Your peers will use the rubric and can award you up to 25 pts (25% of your grade)
   b. Coach Hyde will use the rubric to award you up to 25 pts (25% of your grade)
   c. 50% of your grade will come from your survey, data table & graphs.

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RUBRIC:

Where the following terms used? (10 pts = 2 pts each)

☐ Independent Variable   ☐ Data
☐ Dependent Variable   ☐ Conclusion
☐ Control

Total points

Where the following topics discussed with clarity? (40 pts = 10 pts each)

☐ Method of Collecting and reliability of Data
☐ What conclusion can be made based on your data?
☐ How could you get better results?
☐ How does each of your graphs illustrate your data/conclusion?

Visual Aid: (25 pts = 8.33 pts each)

☐ The visual aid represents the concepts and vocabulary used in the presentation.
☐ The visual aid is NOT wordy!!!! ≈ 25 words or so throughout the whole presentation
  o Word count does not include graph headings, titles, legends, etc…
☐ The visual aid is appealing. "it's like so pretty and eye catching, I just wanna keep looking at it."

Professionalism (25 pts = 6.25 pts each)

☐ The group refers to the visual aid, but does NOT read from it as the base of their presentation.
☐ The group as a whole brought "that ENERGY", they were excited to tell me about their research/topic.
☐ The group have off an aura like they were experts in the field.
☐ All group members appeared to be EQUALLY important to the project.