

09/21

## Gum Investigation

#5

### Agenda

- complete the graph
- finish the discussion
- Finish the movie

### Exit Task

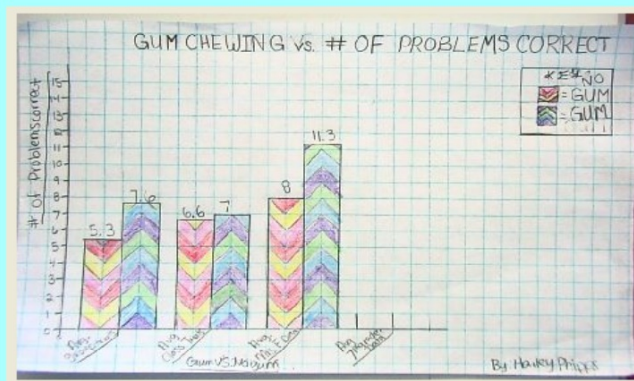
Finish the lab write up

add the final data set to your graph:

Whole 7th grade:

No gum average = 7.2

Gum average = 10.8

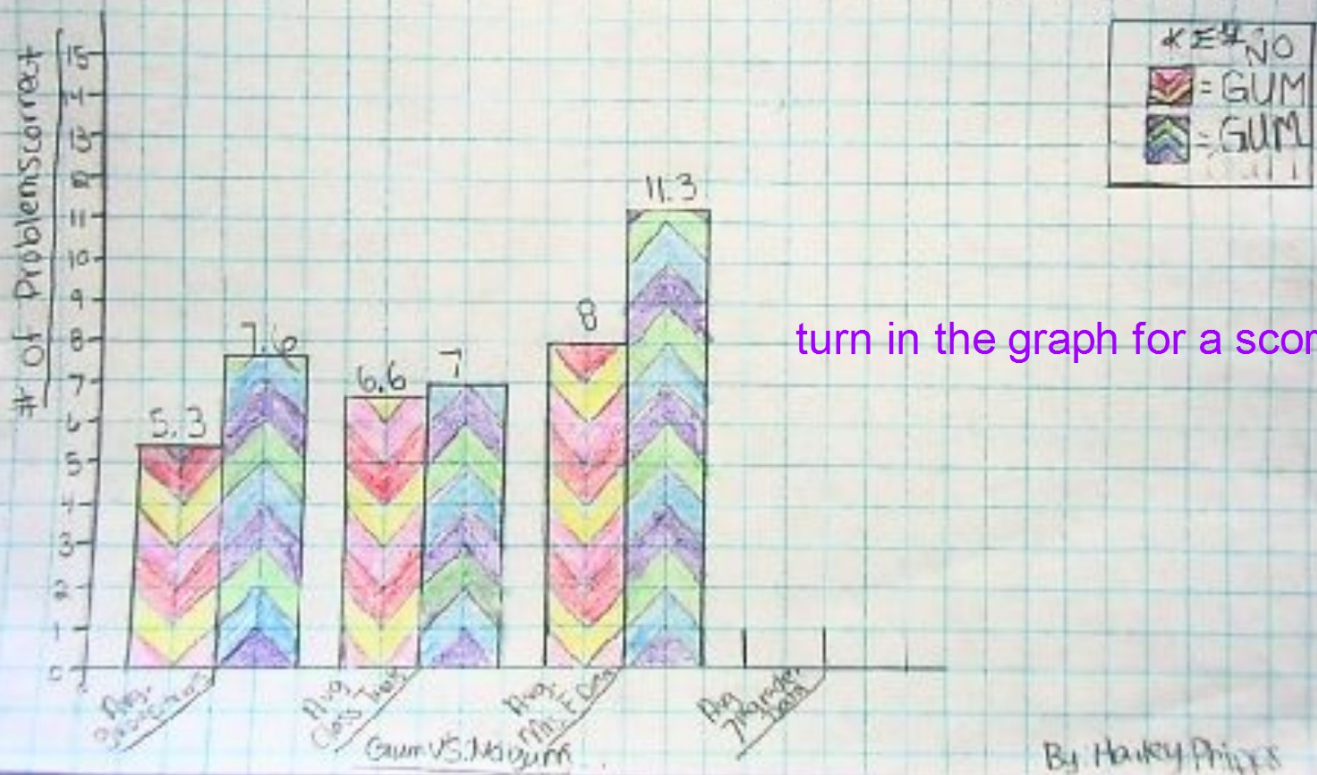


### Learning target:

I can use my data, my observations and the research to write a discussion of the results

- ★ Sit up
- ★ Track the speaker
- ★ Ask questions
- ★ Respect your partner
- ★ Stay focused

# GUM CHEWING vs. # OF PROBLEMS CORRECT



turn in the graph for a score

## Conclusion

Tape your graph in after the data table.

Use the **Class data** to write your conclusion

### **RAPS Conclusion**

**R** – Write a sentence to state whether your hypothesis was correct or incorrect.

**A** – Answer the investigation question.

**P** - Provide supporting data for evidence: include the high **and** low average quantities with units.

**S** – State your conclusion using comparative language: make a conclusive statement by comparing your high and low average values using units and the difference in your data. (e.g 5cm more than.....)

### **Learning target:**

I can analyze data and write a conclusive statement.





Discussion Write as a paragraph or two. *class data.*

\* -Why do you think you got the results you did? Use your background experience and knowledge of science to explain the reason for the differences in your data.

\* Report any variables not controlled and how they might have affected your results.

-What would you do differently next time to make your investigation more valid and your data more reliable?

-What are the limitations in your investigation( How might your conclusions be overgeneralised from limited data or bias?)

-I wonder...? What are your next questions?

**Learning target:**

I can analyze data and write a conclusive statement.

-  Sit up
-  Track the speaker
-  Ask questions
-  Respect your peers
-  Stay focused

