

**Automotive Engineering Project**

You will construct a CO<sub>2</sub> powered car. It will be due on the last class day of September.

**Automotive Inquiry Research Project Grading Sheet**

Your question. What was your design trying to test? How did you attempt to answer your question? (An example might be, why did you make it a particular shape?)	5 pts.
Identify variables, Explain basic physics with equations (Forces, net Force, acceleration, Force Diagram)	5 pts.
Conclusion: Statement of results with calculation of average velocity. What would you change to improve your car?	10 pts.
Aesthetically pleasing (picture of car on back)	5 pts.
Car ran in Race	10 pts.
Design fits research question.	10 pts.
Race results First place 5, Second 4.5. Third 4,....	5 pts.

Total \_\_\_\_\_