BUYING YOUR DREAM CAR

This project involves two parts:

- Researching for your dream car
- The written report on the process taken to buy your dream car

PART A: FINDING YOUR DREAM CAR

Congratulations! You are about to buy the car of your dreams. What will you choose? How much will it cost? Where will you find a loan to pay for it? How about the gas mileage? What will the state of Texas require you to do before you can drive it?

Each student will choose the car of their dreams and bring in a picture of their chosen car. The student will then conduct research on what is necessary for the purchase of the car. The project must be presented and displayed for the class and include a picture of the car as well as:

All specifications of the car (www.edmunds.com / www.carmax.com)

Dealer

- Make/model/year
- Standard features
- Options requested/ price for each chosen option
- Total dealer cost of your dream car

Gas mileage (www.fueleconomy.gov)

- Find out the gas mileage (miles per gallon/mpg) for your car
- Calculate the approximate cost of gas for one year. If gas is $2.25 a gallon and you drive 80 miles per week.

Shop for the best Loan (www.bankrate.com)

- Name of the lender
- Interest rate
- Monthly payment for a 48 month (4 year) loan
- Total cost of the loan
- Amount of interest paid

Texas Department of Motor Vehicles (rts.texasonline.state.tx.us)

- Taxes (8.25%)
- Title
- Registration

PART B: REPORT

Each student will write a one-page report to describe the process taken to research and find the final cost of the dream car. The report should include:

- A detailed description of the strategies or method used to conduct the resource.
- A detailed description of the strategies and methods used to calculate all of the mathematics.
- Any supplemental information that may be important for another reader to understand the process used to create the project.

Category	4	3	2	1
Comprehension	Complete; clear and coherent work and explanations	Reasonably complete; lacks detail in work or explanations	Gives response; work or explanation may be unclear or lack detail	Incomplete; work or explanation is insufficient or not understandable
Mathematical Accuracy	Shows understanding of the mathematical concepts and procedures	Shows understanding of most of the mathematical concepts and procedures	Shows some understanding of the mathematical concepts and procedures	Shows little understanding of the mathematical concepts and procedures
Completion Satisfies all	Satisfies all essential conditions of the problem	Satisfies most of the essential conditions of the problem	Satisfies some of the essential conditions of the problem	Fails to address essential conditions of the problem
Neatness and Attractiveness	Exceptionally well designed, neat, and attractive.	Neat and relatively attractive.	Neatly completed but appears quite plain.	Appears messy and "thrown together" in a hurry.