

# Buy a Car!

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## *A Math Project*

Have you ever dreamed of that car, you know, the shiny one with the dollar signs attached to it? Here is an opportunity to see how you can live that dream. Your task is to figure out what it will cost for you to own and operate that car.



### Tasks:

1. Find the car you are interested in that is for sale. Shop around on the internet and newspaper to get the exact car that you want.
  - a. Write a description of the car that includes all the options and accessories (remember you are building your dream car).
  - b. Include a picture of the car.
2. Search for information about financing the car. Many banks and credit unions have calculators for you to figure out what the monthly payments will be.
  - a. Show the calculations that include total cost, taxes, licensing and finance charges.
  - b. Show the total monthly payment.
3. Search for insurance. You may use your parents as a resource, call an insurance agent or use the internet to get a monthly quote.
4. Calculate the cost of gasoline and maintenance.
  - a. Estimate the number of miles you will drive a month and use the advertised miles-per-gallon figure to estimate the gasoline cost.
  - b. Oil changes should be every 3000 to 5000 miles so figure out a yearly cost and then a monthly cost.
5. Show the total monthly cost of owning and operating the car.
6. Write a reflection paragraph for this project.
7. Cite your sources.
8. Present your findings on a poster, neatly done, with your name on the front.