Can you afford the ride? Final Project

**Directions:** Can you afford your dream ride!? This final project will help you understand what is meant by the purchase price of a vehicle, and what are the operating costs. This project is one that will prepare you for the day that you are able to purchase your own ride! You will choose **3 NEW** vehicles from 3 categories. You will figure the price of each vehicle, the monthly payment for each vehicle, the yearly cost of insurance for each vehicle, the operating cost for the vehicle of your choice, and a **3**-paragraph reflection stating 3 areas of the project that you found interesting and what you learned from it.

**1st Part:**

Decide on 3 **NEW** cars in the following price ranges. Copy and paste a picture and the quick facts of each car onto a document. You may include any additional information about your car in your report

$18,000 - $24,999

$25,000 - $34,999

$35,000 and up

**2nd Part:** <https://www.calculator.net/auto-loan-calculator.html>

Calculate the following loan rates for your vehicles. You will have $1,000 for a down payment on your vehicle. Find the monthly payments for the following rates and months on the spreadsheet provided.

6% at 24 months, 36 months, 48 months, 60 months

10% at 24 months, 36 months, 48 months, 60 months

Calculate the interest you paid for each of your loans by multiplying the number of months by the monthly payment (Total Payment) and subtracting the total amount financed from the total payment.

# of months Total Payment

X Monthly Payment - Total amount financed

= Total Payment =Interest Paid

**Part 3:**

Find the cost of insurance for each car. You may find an insurance quote on the internet, or you may interview an actual insurance agent to find this information (Beth Thomey). Cite your choice for deductible, and the amount of coverage for each area (use average coverage/state minimum). Because a citizen cannot insure him or herself until the age of 18, you will have to have a parent/trusted adult help you in order to receive your quotes.

**Part 4:**

Select **1** of your cars and calculate how much it will cost to operate it for a year.

**Part 5:**

You will type up a 3-paragraph essay stating 3 areas of the project you found interesting and what you learned from it. A paragraph is roughly 3-5 sentences!

**Your final project must include:**

* **Title Page**
  + **Picture of Ride**
  + **Name, Period (odd, even), and Date**
* **3 cars and quick facts**
* **Loan Calculations**
* **Insurance Quotes**
* **Yearly operation expenses for 1 of your rides**
* **3 Paragraph Essay**

**Can you afford the ride? Operating Expenses**

Select 1 of your cars and calculate how much it will cost you to operate it for a year.

(Based on driving 12,000 miles per year and 20 miles per gallon)

Make of Car\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Model of Car \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Yearly Expenses

1. Gas (20 miles to the gallon) $3.00 per gallon \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Maintenance
   1. Oil Change (2 per year) \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Tune up \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Tire Rotation (2 per year) \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. Winterizing \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. Total (add all four up) \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Insurance (Yearly Cost) \_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Registration \_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Year Car Payments (use 60 months 6% X 12) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Yearly Cost \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Add all 6 categories)

Cost Per Month \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Divide Yearly Expenses by 12)

Cost Per Day \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Divide Yearly Expenses by 365)

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ odd/even

Can you afford the ride evaluation rubric

|  |  |  |
| --- | --- | --- |
|  | Points Possible | Your Score |
| **Title Page** | 8 points (2 points each item) |  |
| Picture of car used |  |  |
| Name |  |  |
| Period |  |  |
| Date |  |  |
|  |  |  |
| **Cars** | 15 Points (5 points each car) |  |
| $18,000 - $24,999 |  |  |
| $25,000 - $34,999 |  |  |
| $35,000 and up |  |  |
|  |  |  |
| **Financing** | 15 points (5 points each car) |  |
| Computer Generated |  |  |
|  |  |  |
|  |  |  |
| **Insurance** | 15 points (5 per each car) |  |
| Hard copy quote attached |  |  |
| Computer generated |  |  |
|  |  |  |
| **Operating Expenses** | 12 points (3 points each) |  |
| All Maintenance |  |  |
| Yearly Cost |  |  |
| Monthly Cost |  |  |
| Daily Cost |  |  |
| Computer Generated |  |  |
|  |  |  |
| **3- Paragraph Essay** | 15 points (5 per paragraph) |  |
|  | Total Points = 80 |  |

**Can you afford the ride Insurance Rates**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1 | 2 | 3 |
| Make |  |  |  |
| Model |  |  |  |
| Bodily Injury Liability |  |  |  |
| Property Damage Liability |  |  |  |
| Medical Payment |  |  |  |
| Uninsured Motorist Property Damage Liability |  |  |  |
| Comprehensive Deductible |  |  |  |
| Full/Limited Tort |  |  |  |
| Total (Yearly) |  |  |  |