

# Hot Wheels

*Making Your Dream Car a Reality*

**CARS, CRAFTS  
AND COMMERCE**

**QUEST 04  
PRE-CAL**

**STATE FAIR OF TEXAS  
CURRICULUM**

## STUDENT EDITION

**Recap  
You will be  
going to the  
State Fair of  
Texas to find  
the car of your  
dreams!**

### STATE FAIR MAP



Recall from your discussions in class:

- ★ You discovered the following terms:
  - o Exponential function, loan period, interest rate, tax, title, license
- ★ You should have researched loan period options in class and discussed additional costs of purchasing a car (tax, title, license)



#### Plan Your Route

- ★ Find the Automotive Building
- ★ Then visit the Centennial Building
- ★ Finally stop by the Truck Zone



#### Optional Materials to Bring

- ★ Pen or Pencil
- ★ Notebook or Paper
- ★ Smartphone or Tablet



#### While You're There

You will use information you gather at the State Fair to help you with THREE project goals:

1. Calculate your monthly payment on each car you discover today at the Fair.
2. Design your own dream car in an art project.
3. Write a narrative in which you own your dream car, including the life circumstances that brought you to this point.

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The objective of your visit today is to find your dream car and note the cost of the car, so you can determine the monthly payment later when you're back at school. Then you'll know if you can afford it someday!

- ★**HOT WHEELS:** Find the car/truck you have always dreamed of owning and at least one other vehicle you would like to own.
- o Visit all 3 locations of vehicles for sale
  - o Record the sticker price of your dream car
  - o Also find at least one other car and record its sticker price
  - o Record the miles/gallon of each car
  - o Write the list of features each car has included at the sticker price
  - o Don't forget to take a picture of each car

State Fair Dream Car Info			
Dream Car #1		Dream Car #2	
Make:		Make:	
Model:		Model:	
Sticker Price		Sticker Price	
Miles/Gallon		Miles/Gallon	
Feature 1		Feature 1	
Feature 2		Feature 2	
Feature 3		Feature 3	
Feature 4		Feature 4	
Feature 5		Feature 5	
Feature 6		Feature 6	



## Back at School

When you return to class following your State Fair visit, you will work on your three projects. See your teachers for more information.