

# Unit #7 Cars

Content Area: **Math**  
Course(s):  
Time Period:  
Length: **1 week**  
Status: **Published**

## State Mandated Topics Addressed in this Unit

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N/A	N/A

## Cars

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## Learning Objectives

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- Objective 1 - Compare the cost of various types of insurance (e.g., life, homeowners, motor vehicle) for the same product or service, strategies to lower costs, and the process for filing an insurance claim.
- Objective 2 - Explain what self-insuring is and determine when it is appropriate.
- Objective 3 - Compute and assess the accumulating effect of interest paid over time when using a variety of sources of credit. (e.g., student loans, credit cards, auto loans, mortgages, etc.).

## Essential Skills

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- Essential Skill 1 - Compare the cost of various types of insurance for the same product or service.
- Essential Skill 10 - Analyze a Carfax report
- Essential Skill 2 - Compare strategies to lower costs.
- Essential Skill 3 - Compare the process for filing an insurance claim
- Essential Skill 4 - Explain what self-insuring is.
- Essential Skill 5 - Determine when self-insuring it is appropriate.
- Essential Skill 6 - Compute the accumulating effect of interest paid over time when using a variety of sources of credit.
- Essential Skill 7 - Assess the accumulating effect of interest paid over time when using a variety of sources of credit.
- Essential Skill 8 - Compute the cost of Car Ownership
- Essential Skill 9 - Compute the cost of Car Insurance

## Standards

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PFL.9.1.12.CDM.6	Compute and assess the accumulating effect of interest paid over time when using a variety of sources of credit. (e.g., student loans, credit cards, auto loans, mortgages, etc.).
PFL.9.1.12.RM.3	Compare the cost of various types of insurance (e.g., life, homeowners, motor vehicle) for the same product or service, strategies to lower costs, and the process for filing an insurance claim.
PFL.9.1.12.RM.5	Explain what self-insuring is and determine when it is appropriate.

## **Instructional Tasks/Activities**

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- Analyze a Carfax report
- Compare the different types of insurance
- Create a PowerPoint: Research and find the car of your dreams: 1.) Picture of your car 2.) Pricing information 3.) Breakdown of costs, including a. Base price b. Money down c. Monthly cost d. Interest paid over the course of the loan e. Insurance cost f. Expected maintenance costs
- Determine the cost of car expenses
- Understand insurance policies.

## **Assessment Procedure**

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- Classroom Total Participation Technique
- Classwork
- DBQ
- Essay
- Exit Ticket/Entrance Ticket/Do Now
- Graded Document
- Journal / Student Reflection
- Kahoot
- Other named in lesson
- Peer Review
- Performance
- Problem Correction
- Project
- Quiz
- Rubric
- Teacher Collected Data
- Test
- Worksheet

## **Recommended Technology Activities**

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- Appropriate Content Specific Online Resource
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- Gimkit
- GoGuardian
- Google Classroom
- Google Docs
- Google Slides
- Google Slides
- Kahoot
- MagicSchool AI
- Other- Specified in Lesson
- Quiziz
- Screencastify

## **Accommodations & Modifications & Differentiation**

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Accommodations and Modifications should be used to meet individual needs. Their IEP and 504 plans should be used in addition to the following suggestions.

## **Gifted and Talented**

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- Compare & Contrast
- Conferencing
- Debates
- Jigsaw
- Peer Partner Learning
- Problem Solving
- Structured Controversy
- Think, Pair, Share
- Tutorial Groups

## **Instruction/Materials**

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- alter format of materials (type/highlight, etc.)
- color code materials
- eliminate answers
- extended time
- extended time

- large print
- modified quiz
- modified test
- Modify Assignments as Needed
- Modify/Repeat/Model directions
- necessary assignments only
- Other (specify in plans)
- other- named in lesson
- provide assistance and cues for transitions
- provide daily assignment list
- read class materials orally
- reduce work load
- shorten assignments
- study guide/outline
- utilize multi-sensory modes to reinforce instruction

## **Environment**

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- alter physical room environment
- assign peer tutors/work buddies/note takers
- assign preferential seating
- individualized instruction/small group
- modify student schedule (Describe)
- other- please specify in plans
- provide desktop list/formula

## **Honors Modifications**

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## **Resources**

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- <http://bts.stlouisfed.org/cccl4/>
- <http://www.italladdsup.org/>