

Instructional Design
5-E Lesson Plans
Eric Talbot

Lesson #1

Unit 7 – Days 1 & 2

Monday, October 17, 2011 – Tuesday, October 18, 2011

Subject, Grade Level, & Unit

Personal Finance – 11th/12th Grade – *Buying a Car*

Today's Learning Concept(s)

How to Find the right vehicle

Objective(s)

Knowledge

TSW...list the ways and methods of finding a vehicle to purchase

Application

TSW...demonstrate the ability to adequately search for vehicles online

Synthesis

TSW...collaborate with other students to discover best websites for car buying process

TSW...compile all the information found about their car buying process in spreadsheets

Procedures

Day 1 (53 minute period)

Engagement

[10 mins] Introduce New Concept with a class question, "What can a car do for you?"

This discussion will introduce us into our **new concept** of "Finding a car to buy" while connecting to **prior knowledge**, "How should a car fit into our budget?"

Exploration

[7 mins] Students will lead discussion and list the ways and **methods to search** for cars

[35 mins] Using the internet, the students will search and investigate different cars and simultaneously they will **create a spreadsheet** of at least ten different car models with appropriate information of each

Day 2 (53 minute period)

Explanation

[15 mins] Students will **analyze their findings** and reflect upon their top three choices and why

Extension

[25 mins] Using their top three choices, students will connect each car with respect to the **Five Financial Variables** (age, education, income, family, financial goals)

Evaluation

[10 mins] Students will evaluate how thorough their car search was in their **Personal Finance Journal** (ongoing self-assessment)

Materials and Resources

Car Buying Magazines available for use

Computer

Internet Access

SmartBoard w/Projector

Microsoft Office (Word, Excel)

Lesson #2

Unit 7 – Days 3 & 4

Wednesday, October 19, 2011 – Thursday, October 20, 2011

Subject, Grade Level, & Unit

Personal Finance – 11th/12th Grade – *Buying a Car*

Today's Learning Concept(s)

Knowing the Financial Considerations for prospective vehicles

Objective(s)

Knowledge

TSW...state the financial considerations when purchasing a vehicle

Comprehension

TSW...interpret a budget to predict approximate vehicle costs that could be incurred

Analysis

TSW...breakdown the financial considerations for car buying and examine the biggest variables

Procedures

Day 1 (53 minute period)

Engagement

[5 mins] Show teacher created slide show of varying cars along with price tags and monthly costs to show a strong visual to *stimulate* the concept of cars but with the *realization* that these can be pricey

Exploration

[15 mins] Students will lead discussion and compile a list of all the **financial considerations** for buying, owning, and maintaining their own vehicle

Explanation

[33 mins] Using their three car choices from the first lesson, the students will **create a spreadsheet** of approximate costs for the total car package based upon their discussion with classmates and online research.

Day 2 (53 minute period)

[15 mins] Students will then reflect in their **Finance Journal** upon how well these assumptions match the **Five Financial Variables** as written in lesson 1

Extension

[28 mins] Using the list created by the class, the students will create a formal Excel spreadsheet for financial considerations

Evaluation

[10 mins] Students will reflect on the comparison between their **pre-assessments** and the actual list for financial considerations

Materials and Resources

Car Buying Magazines available for use

Computer

Internet Access

SmartBoard w/Projector

Microsoft Office (Word, Excel)

Lesson #3

Unit 7 – Days 5 & 6

Friday, October 21st, 2011 – Monday, October 24th, 2011

Subject, Grade Level, & Unit

Personal Finance – 11th/12th Grade – *Buying a Car*

Today's Learning Concept(s)

Connect prospective cars with appropriate *Financial considerations* in relation to *Financial Variables*

Objective(s)

Analysis

TSW.....prioritize car buying needs for the five variables reflected in our budgets

TSW...select the most appropriate car for each of their 'scenarios' and defend why

Synthesis

TSW...speculate on which vehicles can be afforded by which 'scenarios'

Procedures

Day 1 (53 minute period)

Engagement

[8 mins] The Students will retrieve prior unit's Career Goals and then pick one 'additional' scenario created by the teacher at random. At end of the introduction each student will have two different 'scenarios' that have differing 5 Financial Variables to explore with appropriate car choices for each.

Exploration

[45 mins] Students will create a Mock Monthly Budget for each 'scenario' as mentioned above and following the guidelines we established in Unit 3 – Budgeting

Day 2 (53 minute period)

Explanation

[13 mins] The Students will analyze each of their budgets to determine how appropriate they are for each scenario

Extension

[25 mins] Using the 'assumed' Financial considerations we listed in Lesson 2, as well as our Budgets we created in Lesson 3, we will develop an approximate figure we can spend on a vehicle

Evaluation

[15 mins] Students will check their Budget work to make sure they have stayed within their Budget allotment (if not, they must determine what went wrong)

Materials and Resources

Car Buying Magazines available for use

Computer

Internet Access

SmartBoard w/Projector

Microsoft Office (Word, Excel)

Lesson #4

Unit 7 – Days 7 & 8

Tuesday, October 25th, 2011 – Wednesday, October 26th, 2011

Subject, Grade Level, & Unit

Personal Finance – 11th/12th Grade – *Buying a Car*

Today's Learning Concept(s)

Finding the right auto loan and insurance for our prospective vehicles and fitting the 'total' cost of car ownership into our Budgets

Objective(s)

Comprehension

TSW...compare 'real' vehicle costs

Application

TSW...collect online bank quotes regarding real interest rates and loan terms

TSW...calculate interest rates effect on car payments

TSW...discover the 'true' costs of owning a car (gas, insurance, tax, registration, upkeep)

Analysis

TSW...analyze their 'car buying decisions' and reflect upon what fits appropriately into budget

Synthesis

TSW...plan talks to banks and insurance companies to discuss options

TSW...negotiate with banks and dealers for the best deals (in a mock scenario)

Procedures

Day 1 (53 minute period)

Engagement

[8 mins] Outline the final procedures for the Car Buying Unit. Using our 2 scenarios we are going to finalize the details

Exploration

[45 mins] Using the internet, the students will search for banks to lend us the money for our vehicles and insurance companies to provide the appropriate insurance for unique situations. Students will document this information for both car selections simultaneously

Day 2 (53 minute period)

Explanation

[10 mins] The Students will analyze the actual information we found and compare it to our assumptions from Lesson 3.

[15 mins] Reflect on how these changes will affect our Budget positively or negatively in our Finance Journal

Extension

[15 mins] List our 'Final' numbers for each scenario into our Spreadsheets and examine how each car we chose fits into our proposed budget

Evaluation

[13 mins] Students will check their Budget work to make sure they have stayed within their Budget allotment (if not, they must determine what went wrong and how to fix it)

Materials and Resources

Car Buying Magazines available for use

Computer

Internet Access

SmartBoard w/Projector

Microsoft Office (Word, Excel)

Lesson #5

Unit 7 – Day 9

Thursday, October 27th, 2011

Subject, Grade Level, & Unit

Personal Finance – 11th/12th Grade – *Buying a Car*

Today's Learning Concept(s)

Present and Assess Car Buying Process for student's through peer and self-evaluation

Objective(s)

Evaluation

TSW...assess how well (or not) their car buying process went in their Financial Journal

TSW...rank the success of each student's plan for each of their respective scenarios

TSW...support and justify their conclusions of which car option was best and why

Procedures

Presentation Day (53 minute period)

[53 mins] Students will give 3-5 minute demonstration of their process for one of their two scenarios

Written: The students should have a printout of the **Car Expenses** for the class

Oral: The students should include:

- The Five Variables (age, education, income, family situation, financial goals)
- Basic overview of Budget (with allotted value for vehicle expenses)
- Description of Car chosen with reasons why it is a good fit
- Terms of the Auto Loan
- Details of Insurance
- Other Financial Considerations
- Costs of car ownership and honest evaluation of whether or not this vehicle fits
- Closing comments

Students will fill out brief 'confidence report' over each presentation with Smart Response System for quick and anonymous feedback

Materials and Resources

Computer

Internet Access

SmartBoard w/Projector

Microsoft Office (Word, Excel)