

Jay Curriculum: Unit Cover Page

Unit title: Consumer Topics – 1

Grade Level: 10-12

Content Area(s): Business/Tech Prep Math

Date Created:

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Year 1 Map & Template Development

- Map/Matrix Completed
- Material & Resources Listed
- Draft Design Template Completed
- Initial Draft Template Document

Year 2 Piloting

- Develop:
- Performance Tasks
- Other Assessments
- Scoring Rubrics
- Piloted

Year 3 Review & Complete Assessment

- Performance Tasks Development
- Other Assessments Completed
- Scoring Rubrics Completed
- Reviewed/Revised Templates

Year 4

- Full Implementation
- Benchmarks Established

Standard(s)/Performance Indicators:

| | |
|---|----------------------------|
| | Math |
| C | 2, 4 |
| F | 1, 2 |
| J | 1 |
| | Social Studies – Economics |
| A | 3 |
| | Career Prep |
| A | 4 |

Unit: Consumer Topics - 1

Brief Summary of Unit/Topic

Summary:

In this unit students will learn basic consumer math including: topics concerned with consumer purchases; measurement; measurement; travel and tourism; and consumer credit.

Stage #1: Identify Desired Results

Essential Question/s:

General understanding/s (What is worth being familiar with?)

Students will know:

Consumer shopping – warranties, sales tax, discount pricing, sales receipts
Measurement – units of length, weight and liquid measure; figure perimeter, circumference, and area
Travel and tourism – automobile travel – insurance, renting, driving data; commercial travel – reading schedules, figuring expenses
Consumer credit – credit history, installment purchases, borrowing money, credit cards

Students will be able to:

Understand different types and how to figure expiration dates of warranties; read a sales receipt and know its important; calculate sales tax on purchases; figure discounts and calculate percentages; understand different forms of consumer shopping, including pricing; recognize different units of length, weight, and liquid measure; use rulers and tape measures; figure perimeters of polygons, circumference, and area; understand classified ads – reading and calculating the cost; use statistics to calculate the mean, mode, and median; understand automobile insurance components and costs; figure driving data – braking distance, reaction distance, reaction time, miles per gallon; rent a car and understand car rental rates and insurance; read a road map; figure elapsed time of a trip; recognize time zones; understand the concepts of airline ticket purchases; read plane, train and bus schedules; figure vacation expenses; define credit history and know its importance; understand and calculate installment purchases; understand the advantages and disadvantages of different lending institutions; understand the logistics of borrowing money such as interest rates, co-signers, balloon payments, life insurance, and figuring monthly payments; read a monthly credit card statement; calculate monthly credit card finance charges; explain the advantages and disadvantages of credit card use.

Enduring Understanding/s:

Figure sales tax; know the purpose of a warranty; understand unit pricing; be able to read a classified ad; know the components of automobile insurance; know the importance of reaction time, reaction distance, and braking distance for stopping a car; know the components for renting a car; know how to read a road map; be aware of the different time zones; calculate personal vacation expenses; know the value of credit history; understand interest rates when borrowing money; know the pros and cons to using credit cards

Stage #2: Evidence

What evidence will students have to provide in order to demonstrate that they have developed the skills, knowledge and understanding to successfully complete this unit?

| Performance Tasks/Products/other assessments Performance tasks should have a <u>scoring guide</u> . | <i>Performance Indicators</i> for this task.* Example: ELA: C- 1,2,3 Science: B- 3,5,7 SS His: H- 2 | <u>Modalities</u> K =Kinesthetic O =oral V =visual W =written | Are <u>examples</u> available to students? ? Y, N, or N/A | Component of Local Assessment System? Y or N (See <u>aligned scoring guide</u> .) |
|--|---|---|--|--|
| QUIZZES, TESTS, PROMPTS | | | | |
| Daily quizzes and chapter tests* | Math C2, C4, F1, F2, J1; SSECO A3; CP A4 | | | |
| OTHER | | | | |
| Daily assignments and homework* | | | | |
| | | | | |
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*Abbreviate: English Language Arts= ELA, Career Preparation=CP, Modern and Classical Languages=MCL, Social Studies=SS, Visual and Performing Arts=VPA

Stage #3: Plan learning experiences & instruction

What teaching & learning experiences may equip students to develop & demonstrate the targeted understanding(s)? (activities/plans):

1. Figure expiration dates and identify types of warranties
2. Calculate a sales receipt
3. Calculate sales tax on purchases
4. Figure discounts and calculate percentages
5. Complete activities to place a catalog order
6. Explore forms of consumer shopping
7. Identify units of length, weight, and liquid measure
8. Use rules and tape measures
9. Figure perimeters of polygons, circumference, and area
10. Read and calculate the cost of classified
11. Use statistics to calculate the mean, mode and median
12. Learn automobile insurance components and costs
13. Figure driving data – braking distance, reaction distance, reaction time, miles per gallon
14. Explore the process of renting a car including rates and insurance
15. Learn how to read a road map
16. Figure elapsed time of a trip; recognize time zones
17. Learn the process of purchasing airline tickets: read plane, train, and bus schedules.
18. Figure vacation expenses
19. Define credit history and know its importance
20. Calculate installment purchases
21. Discuss the advantages and disadvantages of different lending institutions
22. Learn the logistics of borrowing money such as interest rate, co-signers, balloon payments, life insurance, and figuring monthly payments
23. Read a monthly credit card statement and calculate monthly credit card finance charges
24. Discuss the advantages and disadvantages of credit card use.

REFERENCES:

*Dollars and Sense, South-Western, 1989