

Strategies for Integrating the Compass 100 Requirements into Everyday Academic Lessons for Corrections – Part 1

Resources for the Adult Education Practitioner



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Institute for the Professional Development of Adult Educators

RESOURCE FOR ADULT EDUCATION PRACTITIONERS

Strategies for Integrating the Compass 100 Requirements into Everyday Academic Lessons for Corrections – Part 1

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Table of Contents

How toUse	3
Sample Lessons	4

How to Use

The sample lesson given here can be used directly as is. However, it is also intended as a guide for creating your own lesson. To do this well a working knowledge of the DOE curriculum frameworks and FDC academic curriculum is essential. Please see the link below to the Florida Department of Education (DOE) Curriculum Frameworks for Adult Education.

<http://www.fldoe.org/academics/career-adult-edu/adult-edu/2018-2019-adult-edu-curriculum-frameworko.stml>

The lessons in this document use the inmate canteen menu as a source. The current version of this document can be found on the Bureau of Contract Monitoring & Management on the DCweb. Please see the link below.

<https://199.250.17.27/co/ContractManagement/management/canteen/,DanaInfo=dcweb+index.html>

Budget planning (percent)

Standards Covered:

ABE

CCR.MA.ABE.2. Operations and Algebraic Thinking: 2.1 Represent and solve problems involving addition and subtraction within 100. (NRS Level 2 2.0 to 3.9 GE)

GED

Quantitative Problem Solving Standards and Content Indicators: **Q.3.c** Calculate and use ratios, percents, and scale factors. Solve multistep, real-world arithmetic problems using ratios or proportions including those that require converting units of measure.

AEP Lessons Covered:

ABE Math page 2. NP 6 pg. 17-36

GED Math page 2. Lessons 6,7,8

Traveler's Map Items Covered:

Module 4: parts 4 and 5

Materials:

Inmate canteen menu

Personal budget template

Procedure:

Present the scenario: You receive \$5.00 a week from your family to spend in the canteen. You are able to get to the canteen once a week.

- How will you spend your money so the you have at least one snack a day?
- What is your monthly income?
- What percentage of your income are you spending on each item?
- If you plan to spend 30% of your weekly income on candy what can you afford? What will you buy?
- If you save back \$1.00 a week how long will you have to wait to be able to purchase a poncho? Remember that the poncho is an item that has tax added. Assume that tax is 3.8 %. Will this saving reduce your weekly snack options? Will you still have at least 1 snack each day?
- What factor or factors may affect your selection other than the availability of an item?

Use the information collected from the questions above to fill in the Personal Budget worksheet.

Alternate Scenario:

You have \$5.00 to spend at the canteen.

Choose 3 items you wish to purchase.

Which of the items you choose have tax collected on them?

If the tax rate is 3.7%, what is the total cost for each taxed item?

What is the total amount you spent at the canteen?

Variations:

- Change the number of items, amount available to spend, and or tax rate.
- Specify which items must be chosen or categories that must be chosen from.
- Use grocery store or other store flyers from the newspaper as the price list

Budget planning (fractions)

Standards Covered:

ABE

CCR.MA.ABE.8 Ratios and Proportional Relationships: **4.1.a** Use ratio and rate reasoning to solve mathematical and real-world problems by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.

GED

Quantitative Problem Solving Standards and Content Indicators: **Q.2.a** Add, subtract, multiply, divide, and use exponents and roots of rational, fraction, and decimal numbers. Perform addition, subtraction, multiplication, and division on rational numbers.

AEP Lessons Covered:

ABE Math page 6. NP 4 pg. 44-45 MS1 pg. 104-107

GED Math page 1. Q.2 Lesson 1

Traveler's Map Items Covered:

Module 4: parts 4 and 5

Materials:

Inmate canteen menu

Personal budget template

Procedure:

- Present the scenario: You receive \$5.00 a week from your family to spend in the canteen. You are able to get to the canteen once a week.
- How will you spend your money so the you have at least one snack a day?
- What is your monthly income?
- What part or fraction, of your income are you spending on each item?
- Which item costs the greatest part of your income?
- If you plan to spend one quarter, $(\frac{1}{4})$, of your weekly income on candy what can you afford? What will you buy?
- What factor or factors may affect your selection other than the availability of an item?

Use the information collected from the questions above to fill in the Personal Budget worksheet.

Variations:

- Change the number of items or amount available to spend.
- Specify which items must be chosen or categories that must be chosen from.
- Use grocery store or other store flyers from the newspaper as the price list