



INTEGER 749S!

Performance Assessment Task and Application

Due: Week of May 17th, 2010

Hi!

By now, you've mastered simple operations with integers involving single and multiple step operations. Using math manipulatives, you've explored how to represent integers "visually" and to solve basic operations such as the addition, subtraction, multiplication and division (the latter two you'll explore in more detail this week). A printed packaged was given to you that outlined some basic rules, characteristics and ways to tackle integer math. Congrats for making it this far! And now a chance to demonstrate some insight, creativity and a practical way to apply what you've learned thus far...

"Money Matters: Budgeting Your Money with Integers"

Your Name: _____

Projected Date Due: _____/2010

Here's a box that some may notice immediately. How long will it take before you talk to your parents about this task?

Curriculum Links:

- can explain, in writing, the process of problem solving using appropriate mathematical language
- can use estimation to justify or assess the reasonableness of calculations
- can use a calculator to solve number questions that are beyond the proficiency expectations for operations using pencil and paper
- complete simple and complex operations with integers, with and without the use of manipulatives
- can interpret displays of data and present the information using mathematical terms and technology

Part I: Instructions

Question: Did you ever wonder where all of your money goes?

As a young person, you have many things you would like to own. You also have numerous activities that you engage in on a monthly, perhaps daily basis. All these "wants" cost money (unless you are engaged in an elaborate bartering network that would involve the trading of services for goods; e.g., cleaning house in exchange for a well kept lawn).

For this assignment, you will plan a **monthly budget** for yourself that will include all necessary expenses including the luxuries you want. Yup, you heard (or read) correctly. You must budget for luxuries. Just remember: you don't want to owe anyone money at the end of the month!

Budget Requirements:

You will receive a weekly allowance of \$20.

You have the option of working a job for minimum wage. (You can ascertain the current minimum wage via research.) You would be paid on a weekly basis.

You must choose at least 2 of the following activities per week. Following are examples of weekly activities. You may **substitute** acceptable alternative activities. (NOTE: These activities do not have to occur every week of the



INTEGER 779S!

Performance Assessment Task and Application

Due: Week of May 17th, 2010

month.):

- You purchase a soda or snack at lunch each day for \$.50.
- You go to the movies on Friday or Saturday night with friends. The ticket price is \$____._____
- You attend the school dance or sporting event on Friday night. The ticket price is \$5.00.
- You go bowling with friends on Saturday afternoon (or another related activity of your choosing). The cost for two games and shoe rental is \$12.00.
- You purchase a cell phone plan. Research what plan you can afford and be interested in purchasing to determine the monthly fees. (Don't forget about text messages and pictures.)
- You go roller/ice skating with your friend over the weekend. The total cost for entrance and rental skates is \$10.50.
- You go to the mall and buy new clothes/shoes. You can choose the amount you spend.
- You buy a new CD or download songs from the Internet. Research the total cost of your purchases.
- You buy food at your favorite fast food restaurant. Did you super size it? How much did it cost?

Note: Determining the expenditures/rates with actual empirical evidence rather than relying on simple supposition, educated guessing and hypothetical thinking will result in a better mark. No illegal act will be tolerated (e.g., downloading music from an illegal source).

Part II: The worksheet and spreadsheet

You need to enter each activity on the Budget Worksheet starting with your first Week's allowance. For example: Type-deposit; Date-today's date; Description-Week 1 Allowance; Debit- leave blank; Credit- +\$20.00; and Balance- \$20.00.

√ You can use the following Type codes for that column:

D-deposit
W-withdrawal
P-pay
E-expense
A-activity

Here is the box that no one will read right away:
We live in exponential times. What does this mean with respects to power consumption? A good budget takes into consideration how much of a carbon footprint one leaves daily, weekly, yearly. What will YOU do to help save this fragile planet? What about organic foods? Worth it?

√ You need to add or subtract each entry to have a running total of your money.



INTEGER 779S!

Performance Assessment Task and Application

Due: Week of May 17th, 2010

√ You will continue the budget for a total of three (3) weeks. After three (3) weeks, determine the amount of money you still have in your account or the money you owe. If you owe money, analyze your spending habits to determine the revisions needed in your budget to keep from owing money. Create a revised budget displaying your adjustments. (NOTE: Be sure to double-check your computations.)

√ You will write a summary of your spending activity over a three (3) or 3.5 week period. Analyze your budget and determine if you need to revise your spending habits.

√ You will explore how to save for the future by learning about investment portfolios that are options for young investors. A visit to an actual bank and a talk with an investment or bank agent would be highly recommended. Brochures, flyers would support your presentation (and make it more credible?)

√ Part of your journey to become fiscally responsible young adults (wait...is that the real purpose here?) is to be involved in an actual grocery-shopping trip with an adult (e.g., parents) and to plan out meals for a week (minimum 5 days). You will investigation prior to your trip, means to reduce the amount of money you choose to spend (flyers, coupons, etc.), yet deliver a nutritious, and dare I say “fun” week of dining? You will utilize an appropriate graphic organizer or electronic tool to document your expenditures.

√ Demonstrate your skill(s) working with spreadsheets, calculation and relational values.

√ You will present your budget and summary to the class. (Extra credit will be given for creativity and use of technology. Please see me well ahead of time of your presentation if you intend to use a PowerPoint type of tool.

√ Credit will be given to presentations that review the feasibility of your budget plan and real-life application of budgeting, investing and ensuring a balanced lifestyle.

Part III: The work part (Check the Due Date!)

Inasmuch as there is work to be performed outside of school, the calculations, spreadsheet and graphic organizer, written summary and visual presentation can be completed AT SCHOOL to help balance your work activities. We receive newspapers daily at the school that can help with the shopping trip experience, investing, market-pricing of goods and services, and budget planning. Arguably, how you balance your TIME is as important as how you balance your BUDGET. Plan well and you will succeed. Be sure to consult the assessment rubric.

If, during this activity, you score some serious life skills and a real job, then....wow!
Good luck.