

Bake Sale Spreadsheet Lesson Plan

Title: Bake Sale Spreadsheet		Grade Range: 4-5
Integrated Curriculum Area: Math	Concepts and Competencies: Money, Formulas, Data Tables	Tool: Spreadsheet Software
Summary: Students create a table of bake sale information and calculate totals using formulas in a spreadsheet.		

Warm-up

- Make sure students have completed the EasyTech lesson prerequisites for this activity (see Activity Detail Page at www.learning.com).
- Read and discuss pages 83-92 ("Founders of the Children's Rain Forest") from the book *It's Our World, Too!*
- Hold a class discussion about the types of fundraisers students have participated in. What were they raising money for? How did they keep track of the money collected?

Activity

Students calculate totals from a bake sale using formulas in a spreadsheet:

- Students complete the provided data table and paper spreadsheet on the Bake Sale Student Activity Page.
- Review the skills learned in the assigned EasyTech lessons and the functionality of the specific spreadsheet application students will be using.
- Students enter the information from their paper spreadsheets into a spreadsheet program on a computer.
- Students calculate the total money made per item using formulas. Then they calculate the total items sold and total money earned using summing.

Wrap-up

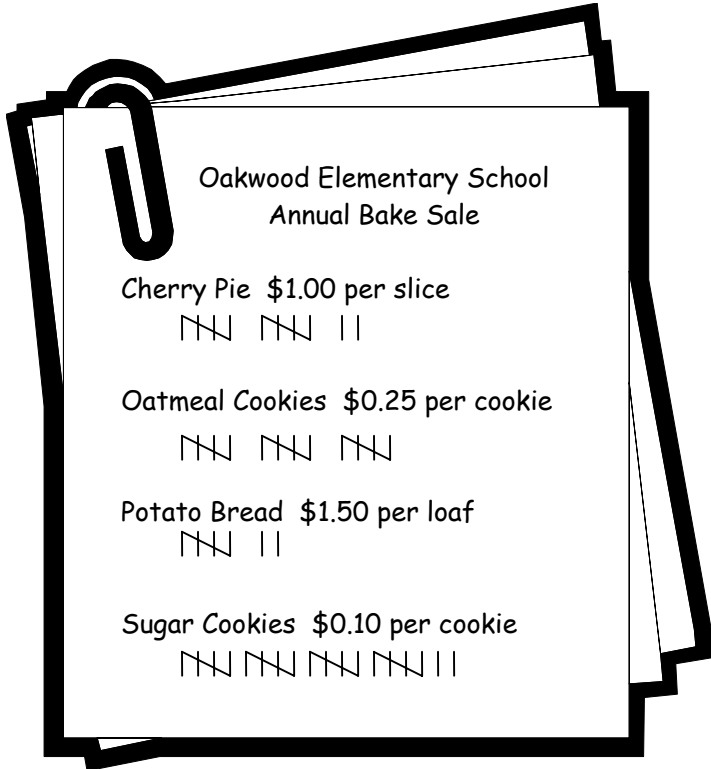
- Students print, compare, and display their completed spreadsheets.
- Ask the students to discuss whether or not a spreadsheet would have helped them keep track of money they collected in fundraisers.

Extension

- Students come up with a cause, and hold a class fundraiser. They record the money earned in a spreadsheet. (You can use real or play money.) When all of the results are in, students calculate the totals using formulas and summing in a spreadsheet.

Name _____

Bake Sale Spreadsheet Student Activity Page



The results of the school bake sale are in!

Everyone at Oakwood Elementary School is excited to see how much money they raised for the new recreation center. Help organize the information and calculate the totals using a spreadsheet.

1. Here is a model of a data table:

Baked Good	Price per Unit	Amount Sold
Blueberry Pie	\$1.25	10
Chocolate Chip Cookies	\$0.10	24
Wheat Bread	\$2.00	5
Ginger Snaps	\$0.25	14

1. Organize the Oakwood Elementary School bake sale information into a data table. (Don't forget to include titles.)

continued

Here is a model of a spreadsheet:

	A	B	C	D
1	Jefferson Elementary School Bake Sale			
2	Baked Good	Price per Unit	Amount Sold	Totals per Item
3	Blueberry Pie	\$1.25	10	=1.25*10
4	Chocolate Chip Cookies	\$0.10	24	=0.10*24
5	Wheat Bread	\$2.00	5	=2.00*5
6	Ginger Snaps	\$0.25	14	=0.25*14
7	Totals:			

2. Create your own spreadsheet using the information you organized in your data table. Fill in the multiplication formulas in cells D3-D6 (=Price per Unit * Amount Sold) to figure out the totals per item. (See model above for examples.)

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				

Now you are ready to create a table and calculate the bake sale totals using a spreadsheet program.

3. Enter the information from the spreadsheet you created on paper into a spreadsheet on a computer. Convert decimals to money.
4. In the "Totals per Item" column (D3-D6), calculate the total money made per item by typing in the formulas you wrote.
5. In the "Totals" row (C7 and D7), use the "Sum" tool to calculate the total number of items sold and the total amount of money made.
6. Finally, format the spreadsheet to look like the completed model by centering, bolding, and capitalizing appropriate column and row labels and centering numbers in columns.

Bake Sale Spreadsheet Model

Oakwood Elementary School Bake Sale

Baked Good	Price per Unit	Amount Sold	Totals per Item
Blueberry Pie	\$ 1.25	10	\$ 12.50
Chocolate Chip Cookies	\$ 0.10	24	\$ 2.40
Wheat Bread	\$ 2.00	5	\$ 10.00
Ginger Snap	\$ 0.25	14	\$ 3.50
Totals:		53	\$ 28.40

Name _____

Bake Sale Spreadsheet Rubric

Self Evaluation

Student Activity Page:

- _____ Data table includes correct headings
- _____ Data table includes correct numbers
- _____ Spreadsheet includes correct headings
- _____ Spreadsheet includes correct numbers

Completed Spreadsheet:

- _____ Title is centered and **bold**, and cells are merged
- _____ Each column is labeled and centered
- _____ "Totals" row is labeled
- _____ All labels are **bold**
- _____ Numbers in "Amount Sold" column are centered
- _____ "Totals per Item" column completed with correct calculations
- _____ "Totals" row completed with correct sums formatted as currency

Teacher Evaluation

Student Activity Page:

- _____ Data table includes correct headings
- _____ Data table includes correct numbers
- _____ Spreadsheet includes correct headings
- _____ Spreadsheet includes correct numbers

Completed Spreadsheet:

- _____ Title is centered and **bold**, and cells are merged
- _____ Each column is labeled and centered
- _____ "Totals" row is labeled
- _____ All labels are **bold**
- _____ Numbers in "Amount Sold" column are centered
- _____ "Totals per Item" column completed with correct calculations
- _____ "Totals" row completed with correct sums formatted as currency

Bake Sale Spreadsheet Resources

Hoose, Phillip. It's Our World, Too! Boston: Little, Brown, and Company, 1993.
pp. 83-92.

This book profiles young people who have stood up for what they believe in and made a difference in society. The specific chapter, "Founders of the Children's Rain Forest," tells the story of a group of first and second grade students who raised money to buy an area of rain forest in Costa Rica.