

## IT AND ME -- GRADE 9 CURRICULUM

**Standard:** Spreadsheet project: this is to be completed at the end of the unit

**Time:** Two 45-minute class periods.

**Objectives:** The Students will:

1. Create a worksheet for inventory for the school store.
2. Create an inventory list for items that need to be reordered which have limited items in stock.
3. Create a list of inventory items that should not be reordered due to lack of sales.
4. Using formulas, figure the profit per item as well as the amount sold.
5. Career Awareness: Introduction to inventory planning and evaluation prepared by accountants for business use.

**Setting:**

Students have had an introduction to inventory as well as excel software and have completing sample assignments using spreadsheets and formulas. Students will complete this assignment independently. Assistance from instructor and/or other students is available as needed.

**Teacher's Role:**

- To introduce inventory evaluation and planning as used by accountants.
- To review the use of formulas using spreadsheet software.
- To introduce and discuss the activity to be completed.
- To encourage students to apply critical thinking skills in deciding which inventory items need to be reordered.
- To encourage students to apply critical thinking skills in deciding which inventory items should not be reordered.
- To be available to answer any questions related to the assignment.

Directions:

1. Create a worksheet for the inventory for the school store using the information below and on the following page:

Inventory Items	Wholesale Cost	Retail Cost	Stock Amount	
			Beginning	Ending
Pencils	.05	.10	1,000	450
Pens	.15	.25	750	600
Index Cards	.01	.05	2,500	1,200
Cards (Variety)	.02	.25	1,000	755
Nylons	1.00	2.00	50	40
Sweatshirts	10.00	18.00	500	350
T-Shirts	6.00	8.00	1,500	370

2. Bold all column titles.
3. Format for currency where necessary.

4. Create a column using formulas for profit per item (example: Pencils cost us .05 to purchase and we sell them for .10....the profit would be .05 per pencil sold).
5. Create a column using formulas for amount sold (example: Beginning inventory for pencils was 1,000 and ending was 450....the amount sold for pencils would be 550)
6. Create a column using formulas for total profit per item (example: The profit on pencils is .05 per pencil and we sold 550.....the total profit would be 27.50)
7. Analyze which items you think should be reordered at the end of this year and explain why you chose these items.
8. Analyze which items you think should not be reordered at the end of this year and explain why you chose these items.
9. Create a line graph of the inventory items and the wholesale and retail cost for each.
10. Create a bar graph of the inventory items comparing the beginning and ending stock amounts.