

PFD Shopping Spree

It’s that time of year again! October is here and so is the annual Permanent Fund Dividend. Because of all your help with fishing this summer, your parents are feeling generous and instead of buying the usual clothes and food for you, they have decided to share part of your PFD with you to spend as you like.

They have given you $1,000 in the form of a Visa gift card. The only caveat is that you must also be somewhat generous when spending the money and you must also create a spreadsheet to track your spending.

Your parents decide that no more than $200 can be spent on yourself. You cannot spend more than $100 on each person you buy gifts for. You must spend no less than $990 and no more than $1,000. Don’t forget to buy something for your siblings, parents, and of course your teacher(s)!

Happy Shopping!



What is a Spreadsheet?

A spreadsheet is a grid that organizes data into columns and rows. Spreadsheets make it easy to display information, and people can insert formulas to work with the data.

Before you begin working on your Shopping Spree, let’s review some basic spreadsheet terms.

|  |  |
| --- | --- |
| **Row** | Horizontal part of the worksheet identified by numbers. |
| **Column** | Vertical part of the worksheet identified by letters. |
| **Cell** | The intersection of a row and column. |
| **Active Cell** | The cell that is currently selected. Has thick black border around it. |
| **Autofit** | Automatically resizes the column to fit the widest entry. |
| **Formula bar** | Displays the active cells content. Located directly above the cells. |
| **Autosum** | Used to add a long column of numbers. |
| **Autofill** | Small square in the lower right corner of a selection. |
| **Range** | Selection of two or more cells. |
| **Active Sheet** | The sheet the user is currently working on in a workbook. The name of the tab of the active sheet is bold. |
| **Workbook** | A collection of worksheets. |
| **=** | The first thing that must be entered in a formula in a spreadsheet. |
| **Labels** | The words or titles used in spreadsheet. |
| **Cell Address** | The location of a cell, expressed by cell coordinates. |
| **Ascending** | Sorting Feature  Alphabetical Order  Lowest to Highest |
| **Descending** | Sorting feature...Z-A; Highest to lowest |
| **Sheet** | One page of a worksheet |

Now, on to your Shopping Spree…

Before you spend any of that PFD, you must first set up your spreadsheet (see example below).

1. Open Google Sheets and create a new spreadsheet. Title it “PFD Shopping Spree” and share it with your teacher.

2. Click on cell A1 and drag to H1 to highlight all cells. Click on Format-Merge Cells-Merge All. Choose Center align and type: Shopping Spree

3. In cell A2 type: Money to Spend: $1,000 (Select: *Format-Text Wrapping-Wrap)*

4. In Bold Font type the information in the following cells:

A3: Gift Recipient

B3: Gift Purchased

C3: Store Purchased From (Select: *Format-Text Wrapping-Wrap)*

D3: Cost of Item

E3: Quantity

F3: Total

G3: Grand Total

H3: Money Remaining (Select: *Format-Text Wrapping-Wrap)*

5. Click on cell F4 and enter the formula: =(D4\*E4). To copy this formula for the entire column, click any other cell then back on cell F4. Click and hold the blue square in the bottom right corner and drag down to row 20 or so. You can drag this further down later if you end up buying more items.

6. Click on cell G4 and enter the formula: =SUM(F4:F). This will automatically add all the values in column F as you shop.

7. Click on cell H4 and enter the formula: =(1000-G4) This will let you know how much money you have left to spend.

8. Click on Columns D, F, G, and H. Then click on the $ symbol to format as currency.

9. Select Column E. Select the 123 button from the toolbar and choose Plain Text.

10. Select Columns A-C and Select: *Format-Text Wrapping-Wrap*

11. Add color to make your spreadsheet more eye appealing. Highlight the cells you wish to color and click on Fill Color button to select a color. Do this throughout your spreadsheet. Be sure to Bold, Center, and change the font size and color of all your headings.

12. Time to go shopping! Search the internet for things you want to purchase. Your Grand Total must be between $990.00 and $1,000.00 or your parents will confiscate your gift card. Good Luck and have fun!

