

Lemonade Stand Directions

You and one partner will use

http://www.classbrain.com/cb_games/cb_gms_bag/lemonade.html

Objective:

Using Google Docs Spreadsheet and the Lemonade Stand Game, you will use features in Google Docs Spreadsheet. You will create a spreadsheet of information from playing the game. You will export your spreadsheet into MS Excel. Then, you will create charts and graphs comparing data.

Directions:

1. Setup your Google Spreadsheet.

Create a Title

Create Columns Headings:

- Day #
- Weather—you will record (sunny, rainy, cloudy, etc...)
- Beginning Asset—everyone starts with \$3
- Ending Asset —use a formula
- Cost Per Glass
- # of Advertising Signs
- Selling Price Per Glass
- # of Glasses Made
- # of Glasses Sold
- Product Expense (Lemonade) —use a formula
- Advertising Expenses —use a formula
- Total Expenses—use a formula
- Gross Profit—use a formula
- Net Profit—use a formula

Create Row Totals and Averages

- Monthly Totals—use the appropriate **function**
 - For all “logical” columns
- Average Daily Costs—Use the appropriate **function**
 - (advertising expense, product expense, cost per cup, price per cup, net profit)

2. Share your document with your instructor

3. Go to the [Lemonade Stand website](#) and play the game for a full 30 days.

- Each day you will record the data on your spreadsheet using the headings as a guide for placement of information
- **You must start and finish the game within the same class period!**
- **SNIP the final report summary of your game play and email it to your instructor**

4. Export/Download Google Sheets to MS Excel

- Add Header/Footer
- Make it look visually appealing—**add color, fonts, font color, cell styles** etc...
- Add Graphs—see requirements on next page

Graphs to Create: To create the graphs, export/download your spreadsheet file into MS Excel.

Complete 2 out of the 4 graphs—place each on their own sheet

1. Average Daily Cost per Cup compared to the Average Daily Selling Price per Cup
2. Total Rainy Days compared to Total Sunny Days—you will have to setup a COUNTIF function
3. Total Gross Revenue compared to Total Advertising
4. Cost per cup compared to selling price per cup—daily cost and price

Graphs should have data labels so they are easy to read and understand.
Graphs should be accompanied by a legend so information is easily identifiable

Create an Income Statement

Create a *new Google Sheet*

Use amounts from your Lemonade Stand spreadsheet for Revenue and Expenses.
Enter in new formulas to calculate Total Expense and Net Profit

LastName and LastName Lemonade Stand
Income Statement
Today's Date (Month Day, Year)

Revenue (Gross Profit):		\$205.35
Expenses:		
Cost of Lemonade	\$51.98	
Advertising Expense	\$93.00	
Total Expenses		\$144.98
Net Profit		\$60.37

Formula

Formula