

# Strike It Rich!

*Grades 5-8*



Brain Brigade

*It's not what you cover but rather what your students uncover!*

# To the Teacher

In this Brain Brigade classroom learning center students will manage a \$1000 inheritance in an attempt to parlay it into riches. This activity uses Common Core State Standards to help students learn graphing, calculating a balance, subtraction, and multiplication of decimals. The learning center's goals are first to improve student ability at calculating with decimals, graphing, and record keeping on a daily basis. Secondly, to show students just how difficult it is to make a profit in the market. Finally, this module is designed to be used as a contest for children to see who can make the most money, (or lose the least). You never know, one of your students may be the next Warren Buffet!

As a teacher you will need to keep a stock watch-list from the Internet. This is a list of stocks that your children have purchased so they may record the value of each stock on a daily basis. I would suggest that you limit the amount of choices that your students may purchase to 10-15 different stocks; otherwise your list will become too unwieldy to maintain.

## To set up a watch-list:

1. Go to: <http://investing.money.msn.com/stock-market-quotes>
2. Go to Quote watch-list"
3. Enter your stock symbol
4. Click ADD - the stock will appear on the watch-list

The important number that your students want to watch is the "last" price. This is the number they will use in selling or buying shares of that stock.

The Internet offers many other watch-lists that you may use. If you don't like the one above feel free to search out your own.

For purposes of illustrating this manual, we will use the stock of Ford (symbol-F). At the time of this writing Ford was selling at \$12.46/share. Make sure to add this site to your "favorites" so you can access it quickly each day. We also recommend that you dedicate a computer during a certain time of day or project the prices on to a Smart Board so that students can access their stock prices, make purchases or sales and adjust their graphs.

For additional learning centers to use in your classroom visit [www.brainbrigade.com](http://www.brainbrigade.com). At Brain Brigade we are dedicated to providing novel science and math activities for every child. We appreciate your feedback and suggestions on how our products could be improved.

Thank-you for your purchase,  
*Jerry Hoefs*  
Head Brainiac - Brain Brigade

Sample list of stocks and stock symbols that you may want your children to use:

F-Ford; CSCO-Cisco; JDSU-JDS Uniphase;  
INTC-Intel; FST-Microsoft; AMZO-Amazon;  
C-Citibank; MCD-McDonalds; LOW-Lowes;  
T-ATT; PG-Proctor & Gamble; KSS-Kohls;  
SWY-Safeway; DLPH-Delphi Automotive;  
JCI-Johnson Controls; PEP-Pepsico;  
M-Macys; WMT-Walmart; HON-Honeywell;  
CVX-Chevron

Feel free to expand this list to include companies that are of interest to your students!



[www.brainbrigade.blogspot.com](http://www.brainbrigade.blogspot.com)

[brainbrigade.org](http://brainbrigade.org)

# To the Student

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## *Congratulations!*

You are the recipient of an inheritance of \$1,000 from your long lost Uncle, Samuel B. Rich.

Your Uncle Sam has stated in his will that you must invest the money in stocks of companies located in the United States.

You know very little about buying or selling stock, so you need to read the directions below as an introduction to buying stock. Good Luck.

*\*Remember, you can lose money as well as profit in the market.*

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# What is a Stock?

A share of stock is a small bit of a company that you can purchase. So you can own part of a company! Let's say you wish to own a part of Ford Motor Company. Ford has over 44 million shares that are available for purchase. Each share would cost you \$12.46. Let's say you wish to purchase 25 shares of Ford with your inheritance.

$$\begin{array}{r} \$12.46 \\ \times 25 \\ \hline \$311.50 \text{ buy} \end{array}$$

Congratulations! You now own 25 shares of Ford.

That leaves you \$688.50 left of your inheritance (\$1,000) to purchase stock of other companies.

You may be saying, "Yeah, that's great, but how do I **make money** on this deal?"

If the share price for Ford goes up to \$12.65 tomorrow you can choose to sell your shares.

$$\begin{array}{r} \$12.65 \\ \times 25 \\ \hline \$316.25 \text{ sell} \end{array}$$

You will notice that you sold Ford for more than you bought it for- you made a profit of \$4.75

**DANGER:** If the share price goes down and you sell, - you **LOSE** money.

To win this game you must have stocks and cash that is worth more than your classmates.



# Let the Games Begin!

The first step is to decide what stocks you wish to purchase. Remember, you only have \$1,000.  
**You may not spend more money than you have!**

Use the **Stock Purchase Form** to calculate the cost of your purchase.

## Stock Purchase Form - EXAMPLE

I wish to purchase 25 shares of Ford at \$12.46 per share.

Money I have to spend: \$1000.00

Calculate: 25 X \$12.46 = \$311.50

Money remaining: \$688.50

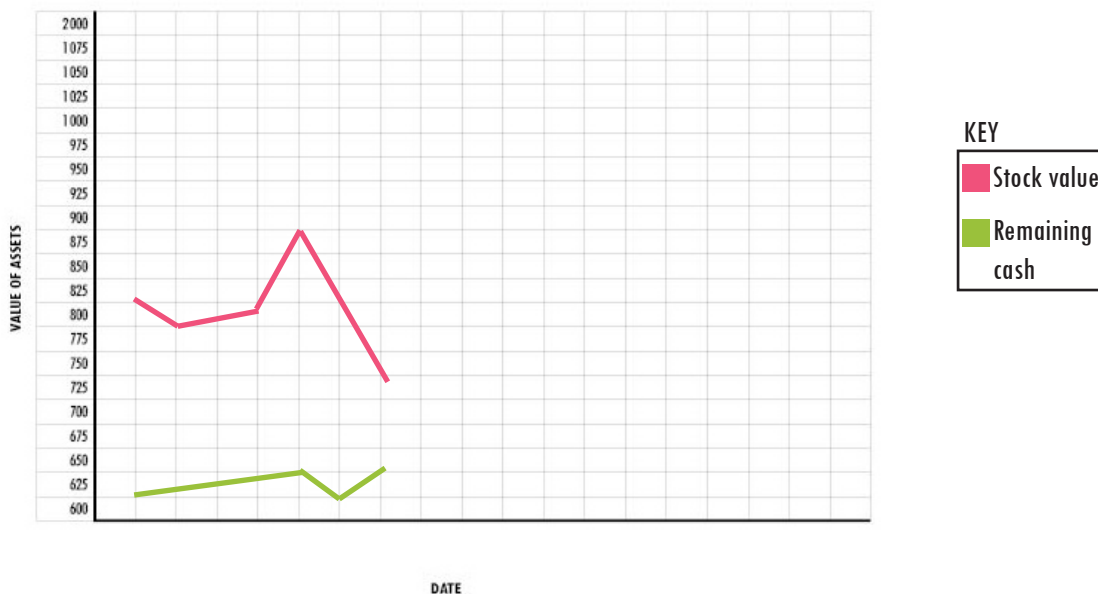
Today's date: March 1, 2013 My name: Samuel B. Rich

You may now make other stock purchases or hold your remaining money.

Each day you must graph the value of your cash and stocks so that you can compare where you stand with your classmates.

Each student in your class has a graph like the one below:

Samuel B. Rich 's Stock Value Chart  
(student's name)





# Strike It Rich Forms

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The following forms are included for ease of duplication for use in your classroom.

- Student Stock Value Chart
  - Stock Purchase Form (3 per page)
  - Stock Sale Form (3 per page)
  - Stock Purchases and Sales Ledger
- .....

# \_\_\_\_\_'s Stock Value Chart

(student's name)



DATE

\*You may want to graph each stock and your remaining cash in different colors. Make sure you create a key that explains what each color represents.



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### STOCK PURCHASE FORM

I wish to purchase \_\_\_\_\_ shares of \_\_\_\_\_ at \_\_\_\_\_ per share.  
(# shares) (company) (price)

Money I have to spend: \$ \_\_\_\_\_

Calculate: \_\_\_\_\_ (shares) x \$ \_\_\_\_\_ (price) = \$ \_\_\_\_\_ (total cost)

Money remaining: \$ \_\_\_\_\_

Today's date \_\_\_\_\_ My name \_\_\_\_\_

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Money remaining: \$ \_\_\_\_\_

Today's date \_\_\_\_\_ My name \_\_\_\_\_

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## STOCK SALE FORM

I wish to sell \_\_\_\_\_ shares of \_\_\_\_\_ at \_\_\_\_\_ per share.  
(# shares) (company) (price)

Cash I have: \$ \_\_\_\_\_

Calculate: \_\_\_\_\_ (shares) x \$ \_\_\_\_\_ (price) = \$ \_\_\_\_\_ (cost)

My New Cash Balance: \$ \_\_\_\_\_

Today's date \_\_\_\_\_ My name \_\_\_\_\_

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