

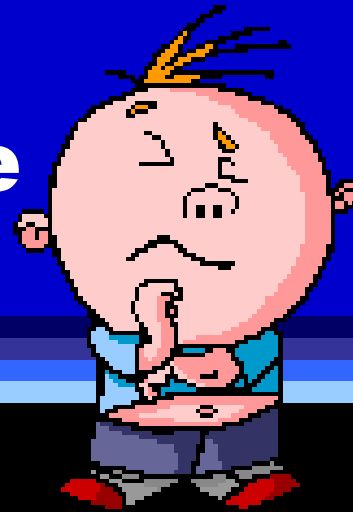


## **MEANINGFUL MATH MANAGEMENT**

*Teaching Accountability and  
Personal Financial Literacy*

from  **ROTATION**<sup>™</sup>

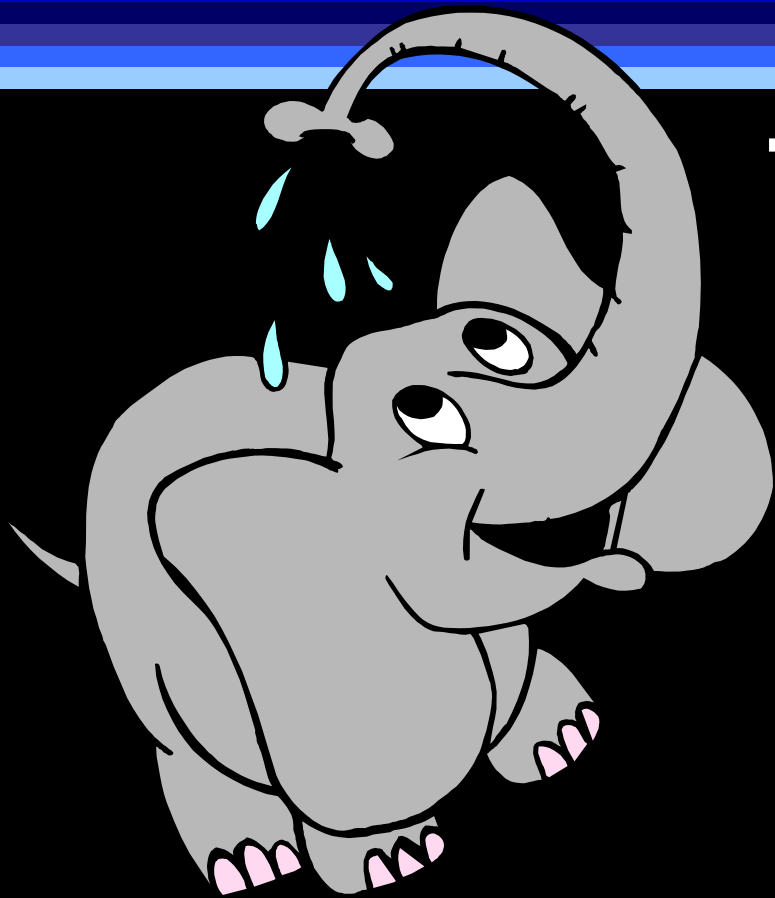
# Think-Write-Pair-Share



- **Find a partner according the rule.**
- **Read & think about each of the following quotes.**
- **Share your thoughts with your partner.**
- **Be prepared to share what your partner thought with the whole group.**



**Every day I get up and look through the Forbes list of the richest people in America. If I'm not there, I go to work. ~Robert Orben**



**The only reason a great many American families don't own an elephant is that they have never been offered an elephant for a dollar down and easy weekly payments.**

*~Mad Magazine*



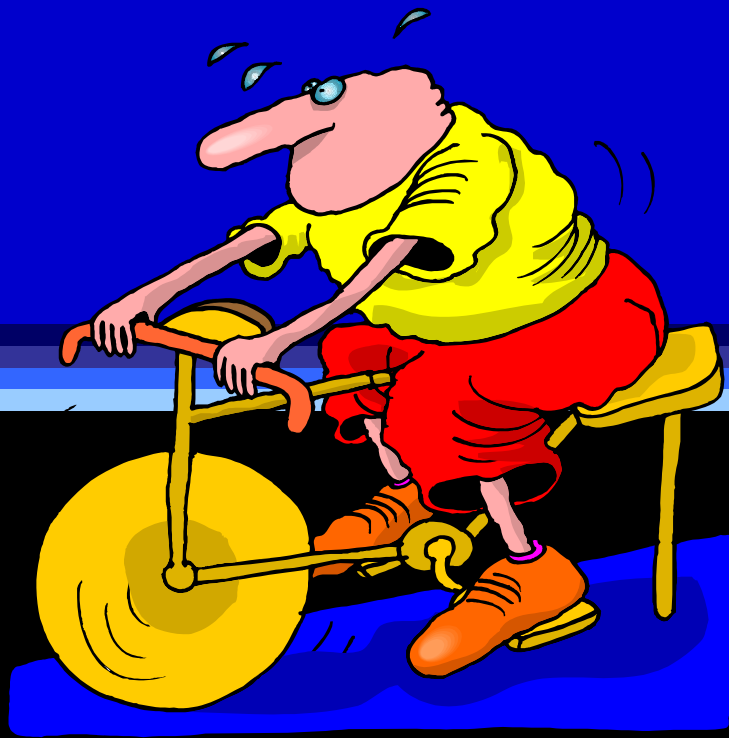
**A bank is a place that will  
lend you money if you  
can prove that you don't  
need it.**

**~Bob Hope**



# Why are we talking about Financial Literacy?



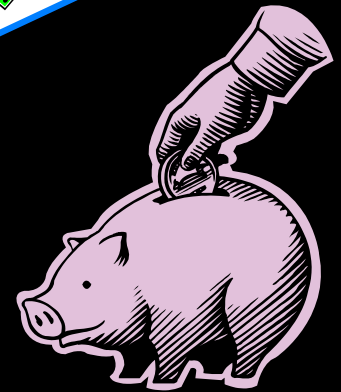


**"We are what we repeatedly do,  
excellence then is not an act, but a  
habit."**

**— Aristotle**

# Key Words and Icons

- Think about the information as it is shared. Determine a word or two that stands out to you.
- Write these words in your notes.
- Be ready to share why you chose these words with your group.



**SALE**





**In 1998, only one state required that a high school course be taken in personal finance in order to graduate.**

**In 2011, the number climbed to 22, but only 16 require testing of student knowledge.**

**— Survey of States by CEE**



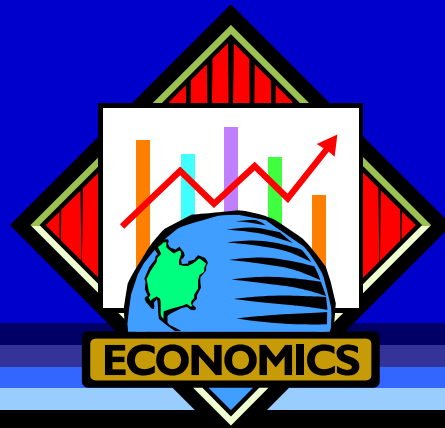
**One semester is insufficient to cover even the basics of economics and financial literacy. These need to be taught from the very earliest grades, laying foundational concepts and building upon them-just as occurs in any other subject.**

**-How to make Economic  
& Financial Literacy Common**

**According to the Nat'l Endowment for Financial Education, as few as 10 hours of classroom instruction on finances can be enough to persuade students to improve their spending & saving habits.**

**-Financial Literacy Begins at School**





**The new CCSS were designed to offer a framework that is intended to be robust and relevant to the real world and it requires educators to think & plan with a multi-disciplinary approach.**

**Lessons in personal finance & economics lend themselves perfectly to this kind of integration.**

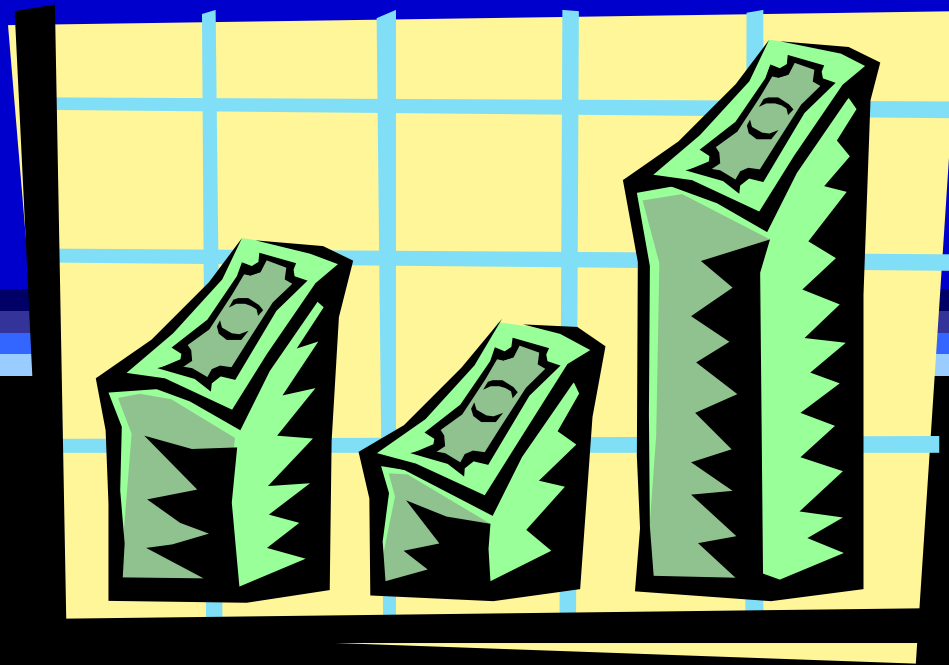
**— “Using the Lessons of Financial & Economic Literacy to Teach the Common Core” by Nan Morrison**



**Managing money is not an innate skill, as the high rate of debt in the U.S. shows.**

**The costs of financial illiteracy are high—and they last a lifetime.**

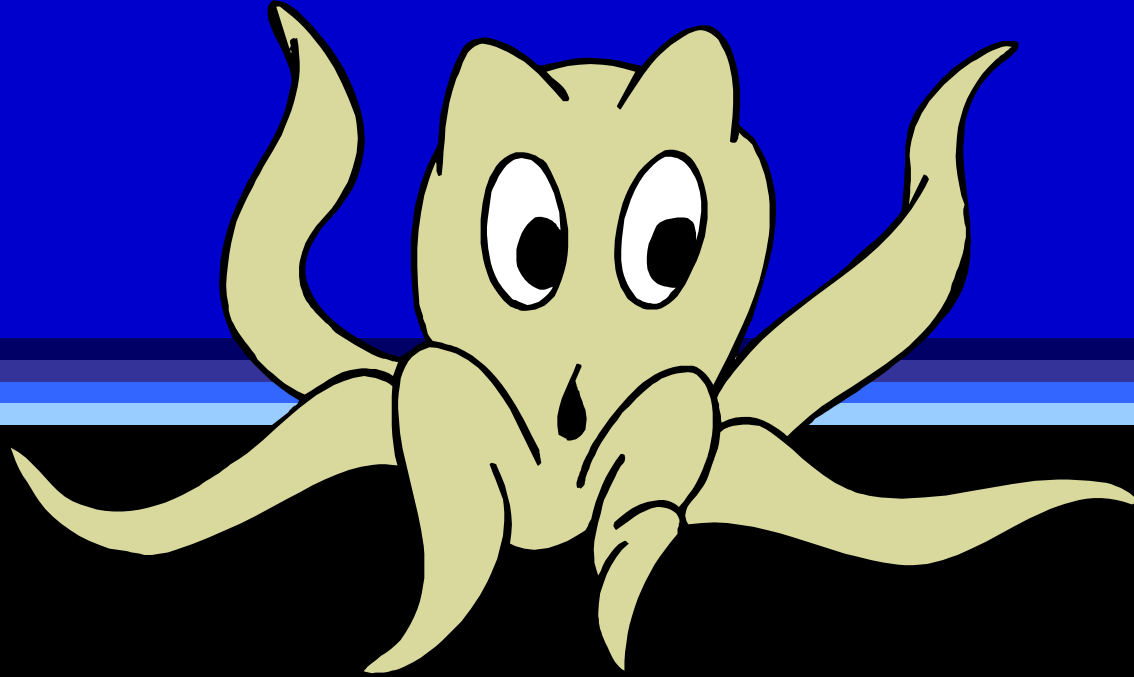
**-Financial Literacy Begins at School by Education World**



What is financial literacy?

# Big Ideas of Economics & Financial Literacy

Big Idea	Grade Level			
	K-2	3-5	6-8	9-12
Compound Interest				
Opportunity Cost				
Value of Education				
Risk				
What Is Money				
Time Value of Money				
Cost/Benefit Analysis				
Setting Goals				
Delayed Gratification				
Scarcity				
Inflation				



**"Talent without discipline is like an octopus on roller skates. There's plenty of movement, but you never know if it's going to be forward, backwards, or sideways."**

**— H. Jackson Brown, Jr.**





**MEANINGFUL MATH  
MANAGEMENT**

What is a simple way  
to teach it?

# Simple way to connect real life to mathematical concepts



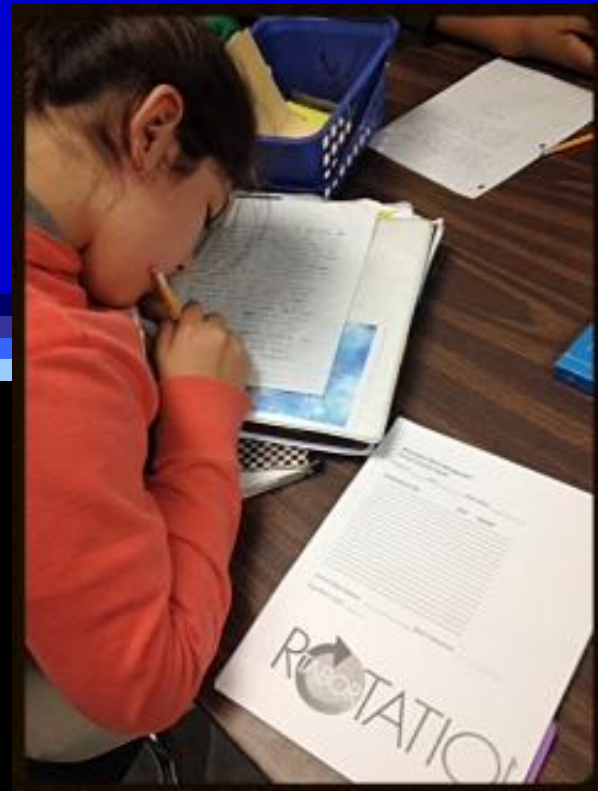
## •Tabor-Evans• Checking Account

This checking account # \_\_\_\_\_ has  
been opened by \_\_\_\_\_  
on this sixth day of December nineteen  
hundred and ninety-three.

...and a way to inspire & motivate students to  
manage themselves and their finances

# Why would these help teach the Big Ideas?

- Earn income & pay debits
- Work off commission for extra income
- Pay rent for their books, desks, and materials
- Shop at the Tabor General Store each quarter
- Pay inflated prices
- Pay taxes in April

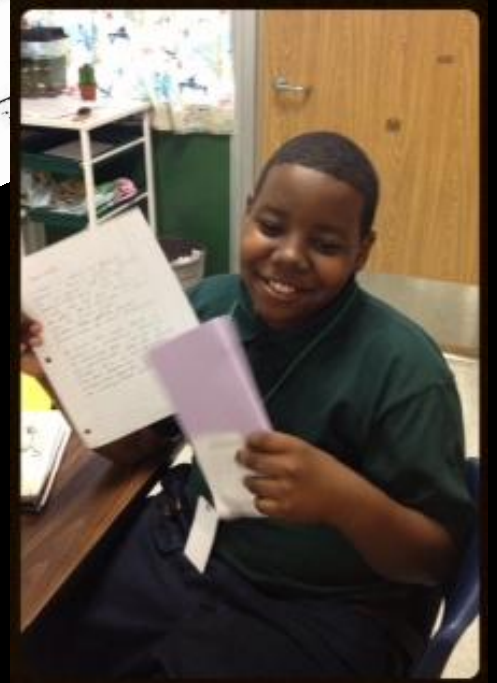


- Invest in the stock market
- Determine how to shop with coupons and discounts
- Buy big ticket items each semester

When we got our bills today I felt like I was an adult. I must say that I'm glad I don't get bills like an adult because they bill you for everything such as water, electricity, and gas. They also charge you a lot more. In today's society everything is so expensive.



When we got our bills today I  
felt very independent because I could  
pay my own bills without any help.  
It really helps a persons self-esteem  
to know that he or she can pull they're  
own weight.



I love the teacher checkings account, because, it help the students learn about how to save their money and keep up with it. And most high school students and college students are not saving enough money. And so this helps us save money and know what to do with your money. It is a fabulous idea!



# BOGGLE



- **Think about all the skills & concepts used in this checking account/management system.**
- **Write as many words or phrases as you can in the given amount of time.**
- **Partner up with someone. Give yourself one point for every idea they don't have.**
- **Circle the 3 most interesting responses you & your partner had.**
- **Be prepared to share the top ideas with the whole group.**



How do I begin?



Have students generate a credit (ways to earn extra income) & debit list.

## Tabor-Evans Checking Account Information

### CREDIT:

•Student of the week/month	\$35.00
•No numbers for a month	\$30.00
•Team winner of the week	\$20.00/each
•Help another student, without being asked, to complete a major project	\$10.00
•Go "beyond" your classroom job	\$10.00
•Do "extra" homework	\$ 5.00
•No numbers in a week	\$ 5.00
•Complete all of daily work	\$ 5.00
•Team stays at whisper level all day	\$ 5.00/each
•Give Mrs. Tabor "extra" help	\$ 5.00

\*Please record no more than 3 items per day for credit on your earned income sheet. This sheet will be turned in on Friday. Deposits into your account will be made on Mondays.

\*All of the above items are subject to change if the Tabor-Evans C.E.O. desires.

### DEBIT:

•Take something that is not yours	\$50.00
•Fighting	\$50.00
•Unnecessary bragging about checking account	\$50.00
•3 numbers in a day	\$50.00
•Overdrawn check	\$25.00
•Lost checkbook	\$25.00
•2 numbers in a day	\$25.00
•Poor behavior outside the classroom	\$10.00
•Not participating in cooperative learning	\$10.00
•Not being on task	\$ 1.00/per minute

\*Checks will be written to Mrs. Tabor immediately when debit items occur.

Determine  
how you'll  
keep records,  
report  
income, and  
pay debits.





Having a checking account will make us more responsible people. It will make us ready for taking care of our self. It helps us get ready to pay rent for our house and have to pay for our stuff. We will get the feel of how our parents are with the bills and groceries. Having a checking account will encourage us to be a better person and not have to lose the money that we have earned for doing good instead of giving it to bad.



**Take applications for the officers of each class' bank.**

Train the bank officers to check weekly income sheets, record rental payments, and check for a balanced checkbook.





Meet with each student to open an account with funding from you.



How do I keep (M<sup>3</sup>)  
going?

# Francis T. Evans Elementary School Student Bill

AMOUNT DUE FEB. 1, 1994	\$90.00	RENT FOR INDIVIDUAL STUDENT DESK FOR ONE MONTH
	\$10.00	BOOKS AND MATERIALS FOR ONE MONTH
TOTAL AMOUNT DUE		<b>\$100.00</b>

Please return portion below with payment. Make checks payable to Francis T. Evans

Student Billing Department

Name \_\_\_\_\_

Account # \_\_\_\_\_

AMOUNT PAID  
\$ .

Charge rent &  
pay salaries  
on a regular  
basis.



2. I think a checking account is great idea because it helps us learn more but making a checking account makes it fun. It also is important because it gets us ready for when we become older. Some people don't know what they're doing w money. Now that we are learning how handle money now, we have one less thing to worry about.



Open a "store" where the students may spend their money. Stock the store with school supplies, freebies, etc.



# TABOR GENERAL STORES

Grand Opening Advertisement

## Tabor General Store's Grand Opening

Tabor-Evans Bank has provided funding for the Tabor General Stores. The store will be open on Tuesday, December 21st. Patrons of the store will be the students from Mrs. Tabor's Fourth Grade Class.

The store's general manager promises that other shopping days will follow throughout the coming year.

Designer  
Stamp Sets  
only  
\$40.00

All you need to bring is your Tabor-Evans Checking Account Book. This will provide proof of funds to purchase items. Happy Shopping!!!

Fashionable  
Holiday Pins  
just  
\$30.00

PRICES SLASHED ON ALL  
TRACERS FOR THE  
HOLIDAY SEASON  
(selection may vary)

Please, only 4 items per customer.

JEWELRY DEPARTMENT  
OFFERS LARGE ARRAY  
OF EARRINGS AND  
FRIENDSHIP BRACELETS

Buy a holiday card for someone you love. A large selection is now available. Only \$5.00 for each card.  
(selection may vary)

See our TOY DEPARTMENT for:  
\*\*Super Straws\*\* \*\*Balloon Racers\*\*  
\*\*Giant Erasers\*\*  
\*\*Fancy Magnets\*\*  
And MUCH, MUCH MORE!!!

Inflate the prices at your store to help students become aware of the economy.

Accept applications for new bank officers every quarter. Have the previous officers train the new ones.





Invite bankers,  
stock brokers,  
and financial  
advisors to visit  
& share their  
expertise with  
your students.

Follow the stock market, have your students "invest" some of their funds, and share what they learned.



When we got our bills today I felt  
overwhelmed with these bills especially since  
we had to make out a check last week to  
Mrs. Tabor. But it's nice having pretend  
responsibilities. Just like our parents it's really  
neat! I wish now that we could just  
have a house but I guess I could say  
that because we're going to build a space  
shuttle and room! I think Mrs. Tabor is  
great.

Winters House table 2 pad 6	Jan 31 1998
Pay to the order of	F.T. Evans Element School
	\$100.00
One Hundred	Dollars
for	

Require all of  
your students to  
pay taxes by  
April 15.

Add tax to the items at the store. Allow students to earn & apply discount coupons for rent & supplies. Increase their rent!

**CLEARANCE BLAST**

**UP TO 70% OFF**

**THOUSANDS OF ITEMS THROUGHOUT THE STORE**

**INCLUDES:**

- On-the-Go Baby Gear
- Infant Care & Safety
- Action Figures
- Fashion Dolls
- Games
- Preschool Toys
- App Toys
- Candy

**...AND More!**

Excludes Dollar Shop items and gift cards. Quantities limited; no rain checks. Clearance pricing ends in 0 or 8.





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more information**



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[www.glennatabor.com](http://www.glennatabor.com)**



Why use M-Cubed?

# Talking Chips



- **Think about the information presented.**
- **Select a chip.**
- **Take turns placing your chip in the middle of the table and sharing one of your ideas.**
- **Allow others to share until all “chips” are in the middle.**
- **Take your chips back and begin to share again.**
- **Continue as time allows.**

**"If you pick the right people and give them the opportunity to spread their wings—and put compensation as a carrier behind it—you almost don't have to manage them."  
— Jack Welch**





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**Within the next 24-  
48 hours...**

**Make a list of everything you need to do to put Meaningful Math Management (M<sup>3</sup>) into your classroom. Put a date next to each item. Share this information with a partner.**

**“Even if I knew,  
that tomorrow  
the world  
would go to  
pieces, I would  
still plant my  
apple tree.**

**-Martin Luther**

