

TOO MUCH, TOO LITTLE



The ongoing problem of "too much" or "too little" money is as old as the country itself. A healthy economy needs a money supply growing in a way that promotes economic growth and high employment without inflation.

AMERICAN HISTORY

Today's Homework

Read: Ch 7~9

PP 125~132

Do Q 2~Q4

Q 18, 19, 26~29

99

Adapted from the video,
"Too Much, Too Little", by
Daniel Rosen
Richard Trainer
Al Wenzel

Revised by Steve Malin
and Max Rodriguez
Art by Jesse Chen





This is just what I needed.

Yeah! Now... exactly what is your assignment?



Well, we're studying how and why the Federal Reserve System developed.

...and just what its role is in our economy!



Hmm... well, that's quite a story. Actually, it goes all the way back to Colonial America ...before the revolution.

Too bad we don't have a time machine like the one we saw in the movie.



Say, that's not a bad idea! Let's imagine our booth is a time machine! We could go back in time and see how it all began.

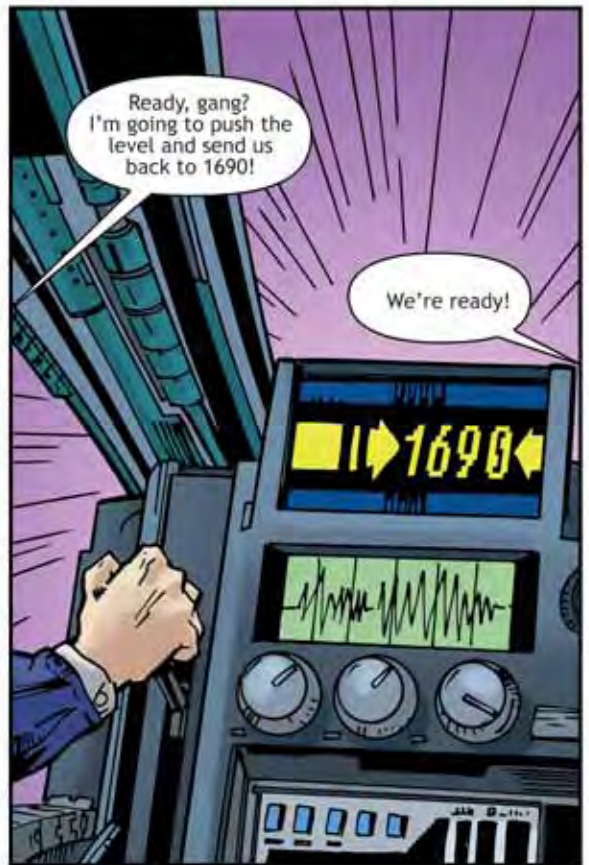
Hey, that's great!



All right. We're sitting in the time machine... here's the control panel!

Yeah! Look at all those dials!

And flashing lights!





Wow! Everything's a blur outside.

We just passed 1860! That's before the Civil War.



Now it's 1760.

That's before the Revolution.

Yes, and we're beginning to slow down!



We're hovering over a clearing. The dial says it's 1690.

I wonder where we are?

Probably somewhere over Virginia. I see people down there. Let's see what's going on.



This is like being in a flying saucer.

Won't we scare them?

No...we can see them, but they can't see us.



What are they doing, Mr. Allen?

Looks like they're trading. Let's listen in.

I'll give you two knives for ten beaver skins.

No! Ten skins are worth two knives, one ax, and one bale of tobacco.



"Finding a trader who wants what you have can be very difficult. For example, if you can't find someone interested and you have food to trade, it might spoil; and if you're trading cows, how do you make change?"







The war has started!

Yes...and the new government has the problem of financing the war.



How could it be without enough money, Mr. Allen?

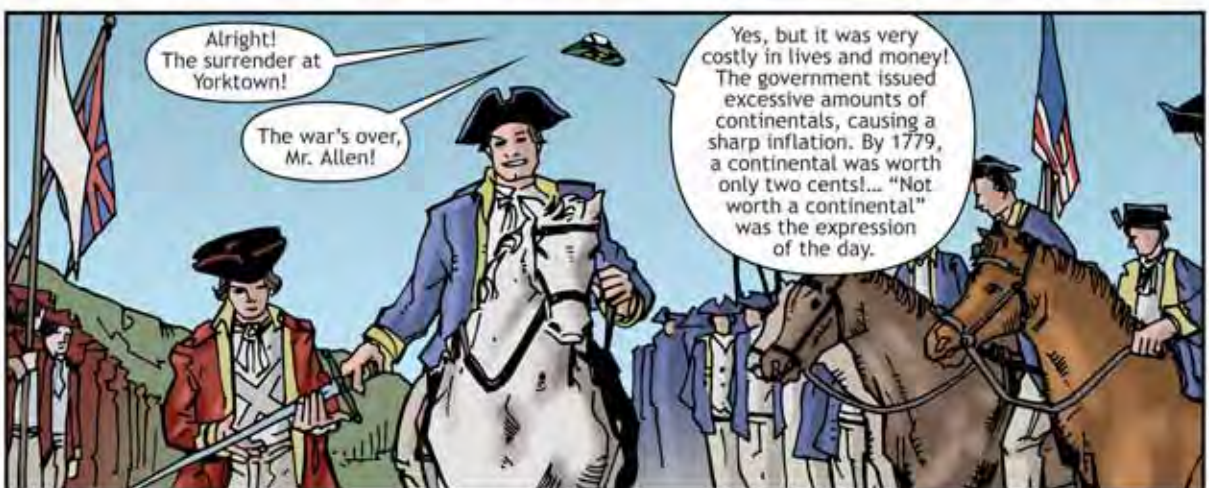
Well, it wasn't easy... The Continental Congress could not collect taxes. The thirteen colonies reserved that right, so the Congress borrowed money, especially from the French and Dutch.



The Continental Congress authorized the printing of paper money, called "continentals."

Look! There's a battle going on down there!

I bet that's Bunker Hill!



Alright! The surrender at Yorktown!

The war's over, Mr. Allen!

Yes, but it was very costly in lives and money! The government issued excessive amounts of continentals, causing a sharp inflation. By 1779, a continental was worth only two cents!... "Not worth a continental" was the expression of the day.



"At first it worked. But a few years later the market price of silver dropped because so much was mined, and as the value of silver dropped, it bought fewer commodities, including gold."



The less valuable silver coins were increasingly used and the more valuable gold was driven from circulation.

That's Gresham's Law!

Hmm, I see... the bimetallic standard became a single silver standard!



With only silver in circulation, and silver buying less, there was too little money and the economy contracted.

It certainly was a problem to find the right balance between "too little" and "too much."



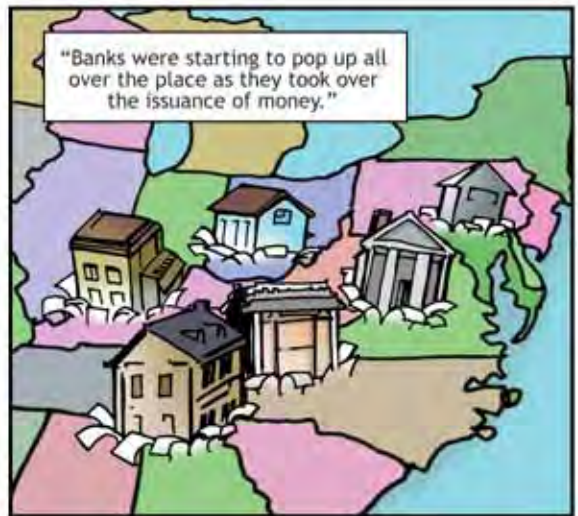
Maintaining a healthy economy without causing inflation or recession is still the most difficult problem monetary authorities have to deal with.



What about the First Bank of the United States? Wasn't there anything it could do to solve the problem?

The bank was a step in the right direction.





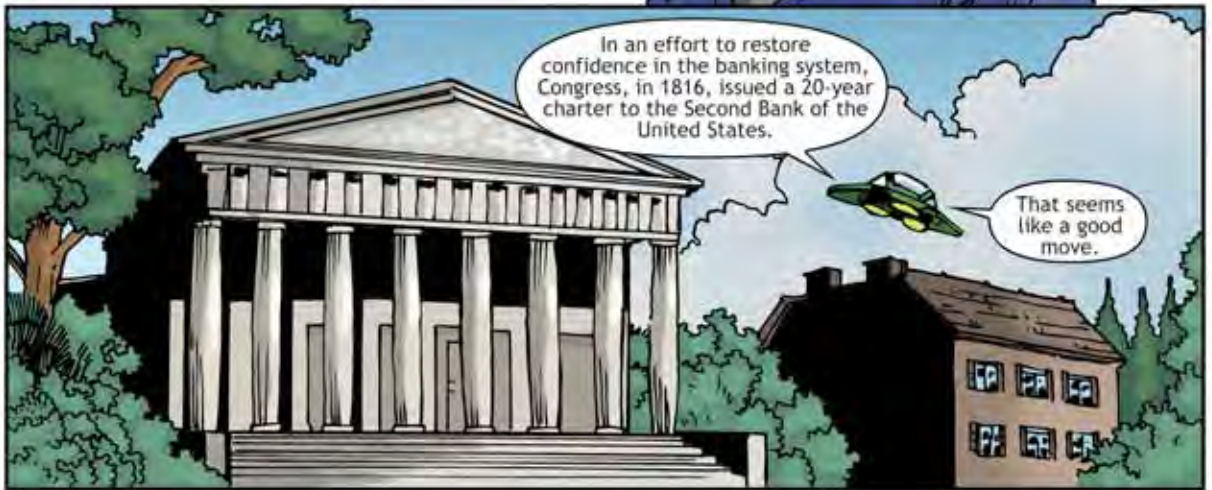


The borrowing needs of the Federal government to finance the war once more spurred the growth of state chartered banks.

I guess bank notes were coming out of the woodwork!

Right! And some banks issued more notes than were backed by their gold and silver reserves.

With wartime shortages and too much money, prices took off. By the end of the war, the economy and the banking system were near collapse.



In an effort to restore confidence in the banking system, Congress, in 1816, issued a 20-year charter to the Second Bank of the United States.

That seems like a good move.



"Yes, it was! It restored confidence in banks by being very strict about gold and silver reserves. When the Second Bank collected tax payments for the government, it accepted only bank notes that could be exchanged for gold and silver."



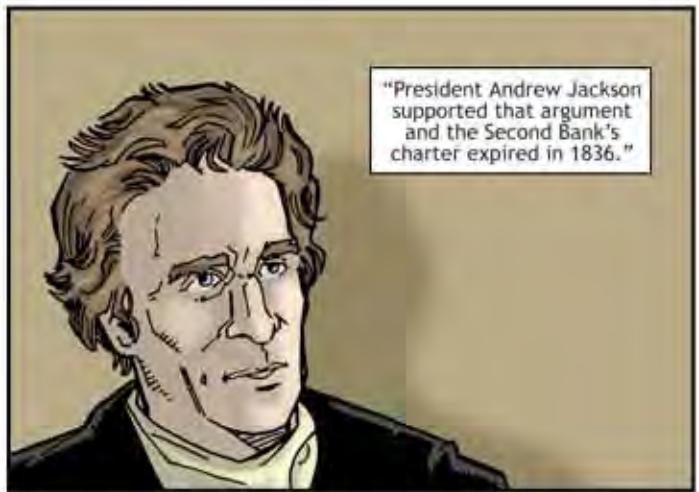
And this solved the over-issuance problem?

To a large extent.



So the Second Bank of the United States was successful!

Yes, but like the First Bank, it had its political enemies who charged that it was unconstitutional and would cause concentration of economic power.



"President Andrew Jackson supported that argument and the Second Bank's charter expired in 1836."



"He pulled the Federal government's funds from the Second Bank and deposited them in several favored, or pet, banks. Without the Second Bank, states were the sole charterers of banks."



Wasn't this the era of "free banking," Mr. Allen?

Yes, the number of state banks exploded.



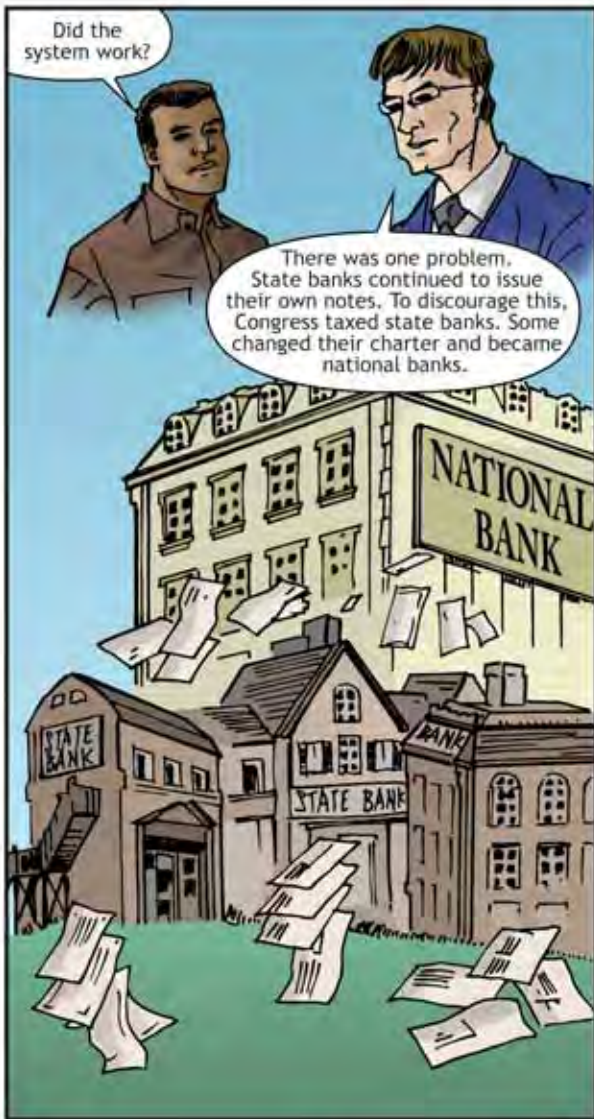
"And so did the number of notes they issued. Some had insufficient gold and silver reserves to back them."

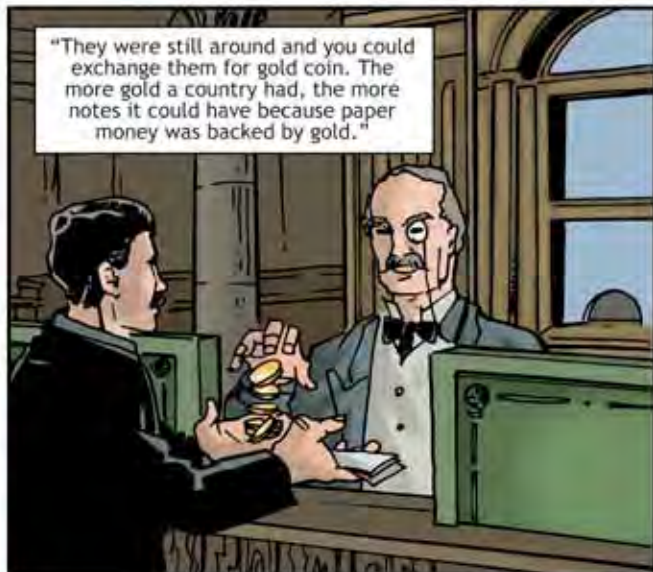
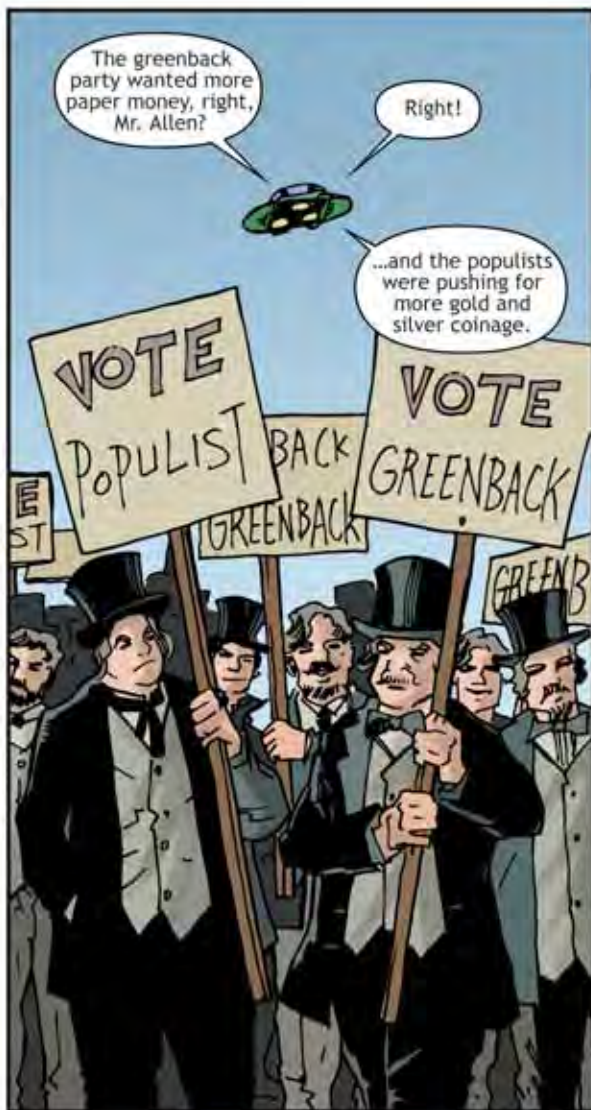


"The next 20 years saw great turmoil in the banking system. Some banks couldn't pay gold and silver on demand and defaulted. Once again, the public's confidence in banks and their notes faltered."

Sorry, no state bank notes. Coin only!







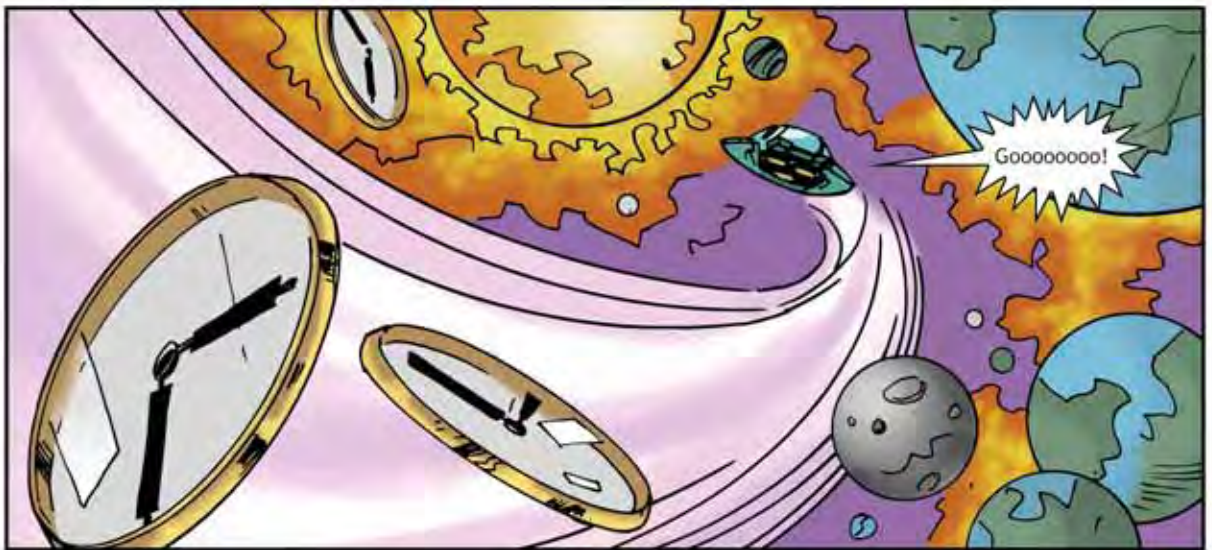


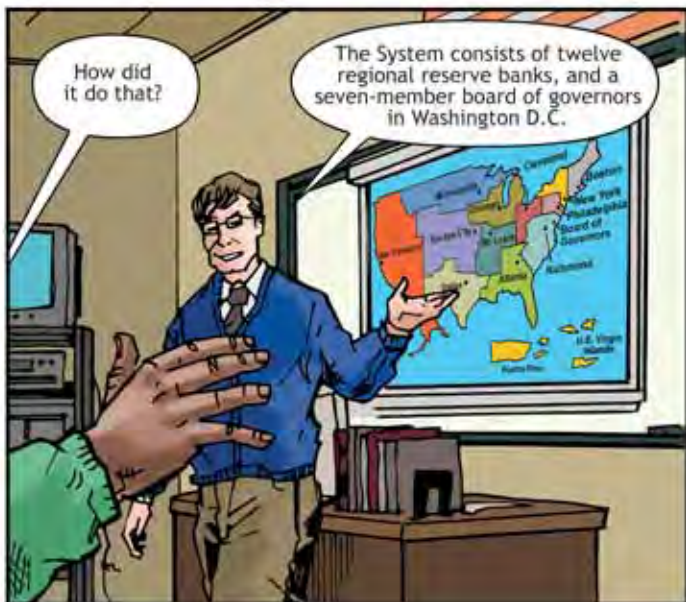
"It sure did! When we lost gold, people rushed to their banks to get their money. Banks failed, the economy suffered and panic developed. International gold flows helped trigger a severe banking panic in 1907."

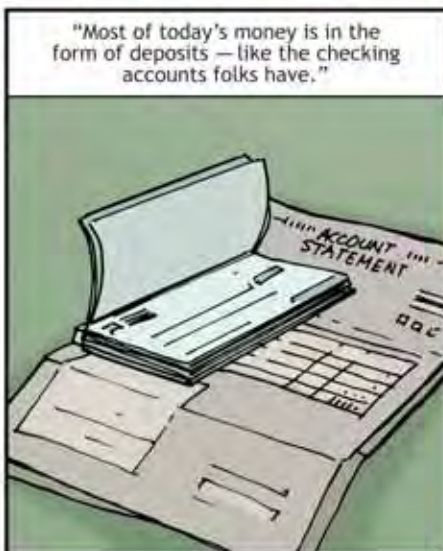


"The panic shocked Congress into studying the banking and economic systems. This resulted in the Federal Reserve Act, which President Wilson signed into law in 1913."





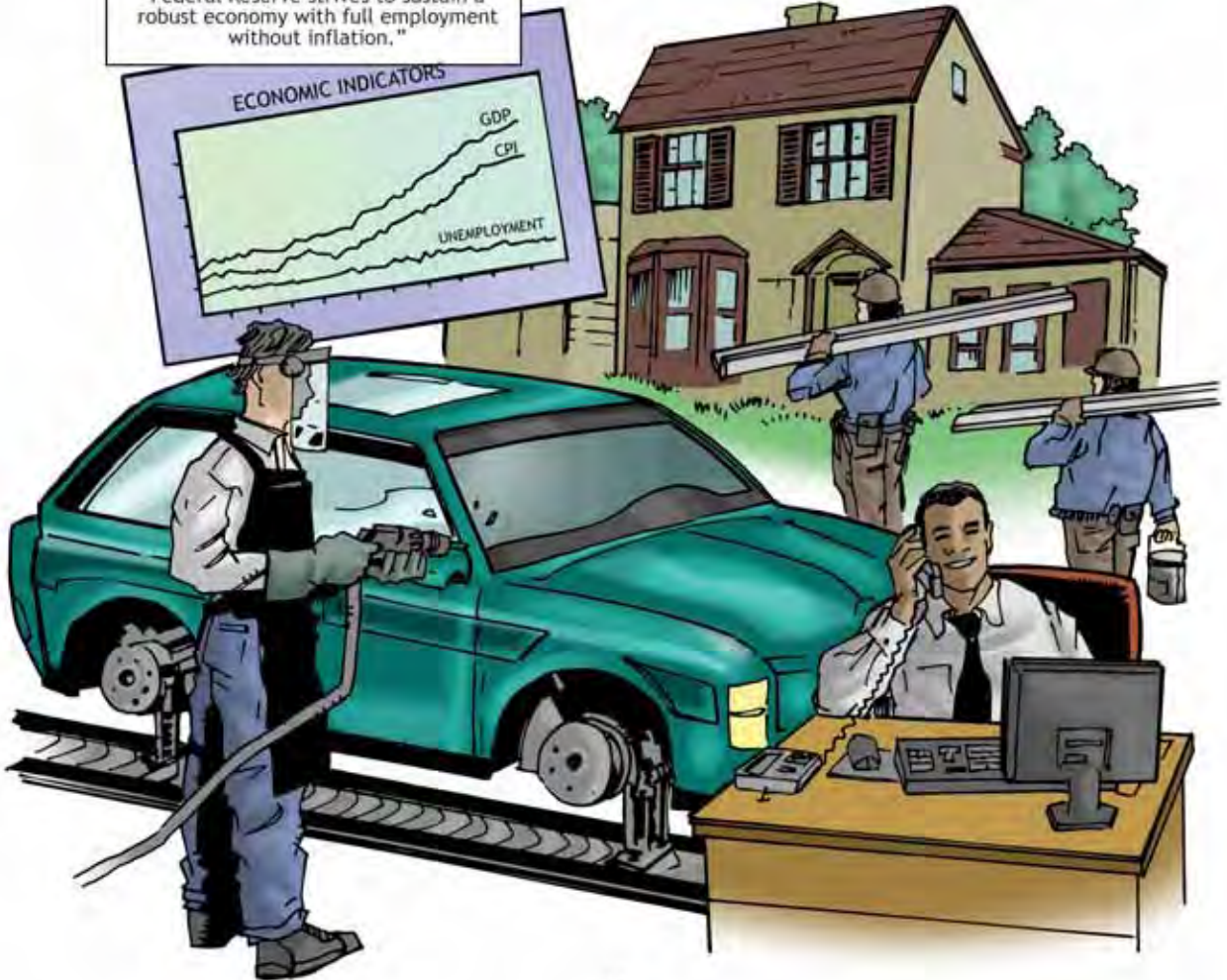


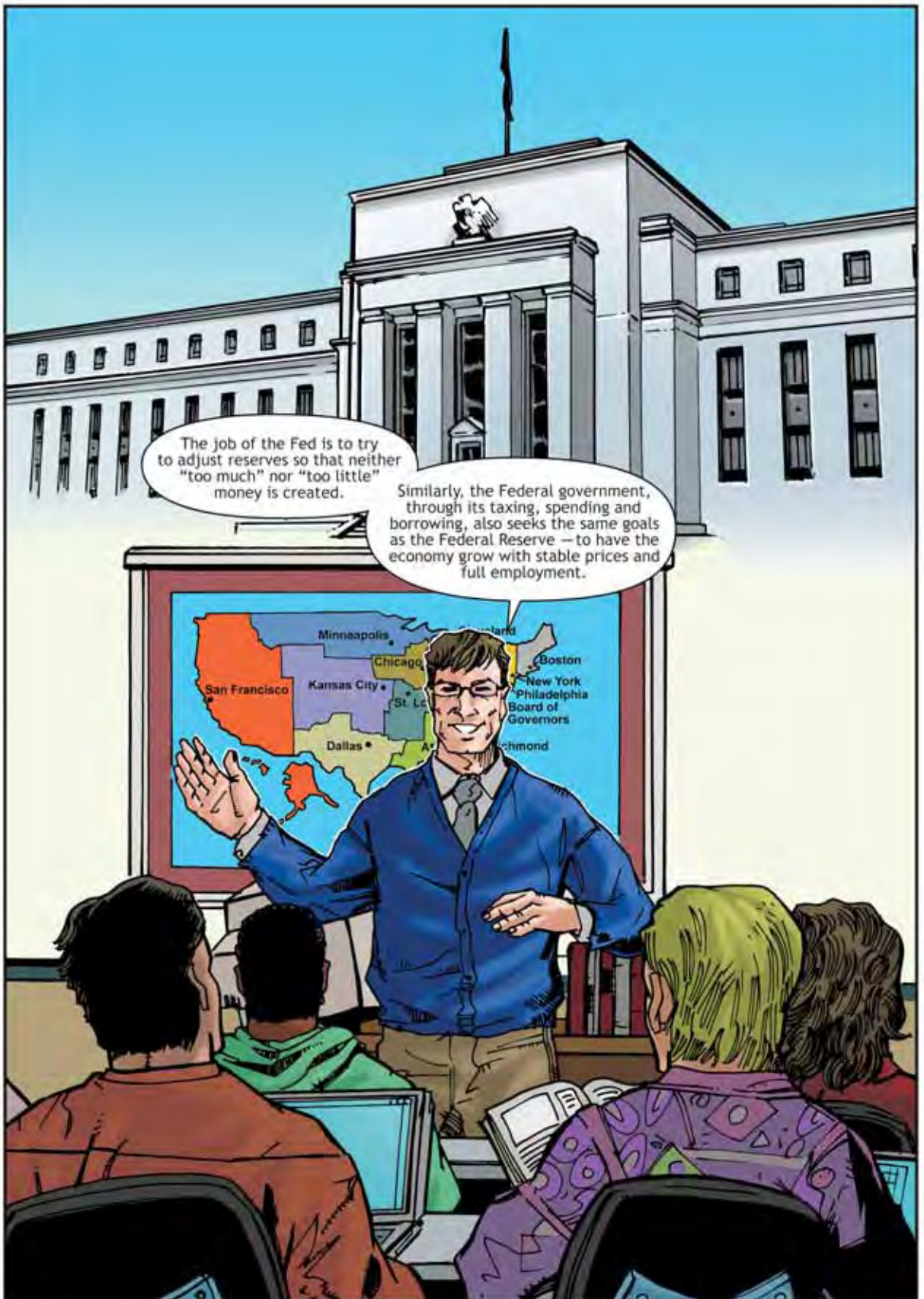


"As you history students know, there were some very difficult economic times since the Fed was established, such as the Great Depression of the 1930's and various wars. These times simply overwhelmed the Federal Reserve System's ability to keep the economy running smoothly. However, monetary policy is far better able to cope with economic difficulties now than before.



"By constantly adjusting reserves, the Federal Reserve strives to sustain a robust economy with full employment without inflation."





The job of the Fed is to try to adjust reserves so that neither "too much" nor "too little" money is created.

Similarly, the Federal government, through its taxing, spending and borrowing, also seeks the same goals as the Federal Reserve — to have the economy grow with stable prices and full employment.

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