



TEACHER INTRODUCTION:

Review the tour gallery guide for an explanation of the major displays at the Federal Reserve Bank of Kansas City's Money Museum Exhibit. Refer to Visual # 4, Exhibit Order and Rotations, when dividing students into detective agency groups for the tour, according to the "Procedure" section.



LESSON DESCRIPTION:

Students will become "Fed Detectives" to find facts, examine evidence, and decode discoveries as they complete their tour of the exhibit at the Federal Reserve Bank of Kansas City's Money Museum. They will learn about the payments system, how banks build wealth, cash processing, and the history of the Federal Reserve Bank.



MATERIALS:



TIME REQUIRED: 60 minutes

Activity 5, Fed Detective Fact Sheet, one per student
Activity 5A, Fed Detective Fact Sheet Answers, for teacher
"Trust and Confidence" gallery guide, one per student
Clipboards, one per student
Pencils, one per student
Visual 4, Exhibit Order and Rotation Sheet



PREPARATION:

1. Teacher list of student groups for detective agencies



PROCEDURE:

1. Ask students to explain what a detective does. (*Answers will vary. Detectives look for clues, find out facts about a case, and look for evidence or proof to solve a mystery.*) Tell students that they will become "Fed Detectives" to find out facts about exhibits during their Fed tour.
2. Read prepared list of groups of 4-5 students that will form "detective agencies". Let each group choose an agency name from the following list: Fact Finders; Detective Decoders; Examiners 'R U; Evidence Hunters; Inspection Investigators. (Groups may also think of an original name for their agency.)

3. Distribute copies of Activity 5, a clipboard, and a pencil to each student. Explain that agencies should find each Fed Fact by referring to the location clue in parentheses at the end of each question. Discuss the bonus question at the end—agencies will earn extra points for completing this question.
4. Give each student a copy of the gallery guide for the exhibit. Assign each agency to a different section of the exhibit using the Exhibit Order and Rotation Sheet as a guide. Teacher/chaperone should show each agency their exhibit starting point, and then guide them through the rotation from one section to the next.
5. Review the rules of behavior for touring the Money Museum exhibit. These rules include:
 - Do not run or push others.
 - Use quiet voices.
 - Be respectful of the exhibits by not repeatedly pushing or hitting buttons.
 - Do not climb on the exhibits.
 - No eating inside the museum.
 - Picture-taking is not allowed in the cash viewing area.
6. Groups should begin their tour at their exhibit starting point, and complete their Fed Fact sheets as they go through the exhibits. After they have found all facts, the agency should turn sheets into the teacher (master detective), who will check for completeness.

**EXHIBIT ORDER
 AND
 ROTATION**

Rotation 1: Follow this exhibit pathway:

Monetary Policy
 Financial Services
 Supervision and Regulation
 District Viewer
 Understanding the Money Supply
 Economic Stability
 Cost of Inflation

Rotation 3: Follow this exhibit pathway:

Golden Experience
 Banker to the Banks
 Keep the Money Moving
 Why You Can Trust Your Bank
 Counterfeits
 Regional Reserve Banks

Rotation 2: Follow this exhibit pathway:

Bank Heritage Case
 FOMC
 International Connections
 District Viewer
 Changing Nature of the Financial System
 How Banks Build Wealth

Rotation 4: Follow this exhibit pathway:

The Changing Ways People Pay
 Personal Financial Choices
 Currency
 Electronic Payments
 Crisis Management
 Cash Processing/ The Vault Video (self-guided)
 It All Adds Up (self-guided)
 Money Rubbing Station (self-guided)

ROTATION ORDER:

Start all rotations at the Exhibit Title Display

R1—2—3—4

R2—3—4—1

R3—4—1—2

R4—1—2—3



FEDERAL RESERVE BANK of KANSAS CITY



FED DETECTIVE FACT SHEET

Name _____

Agency Name _____

Welcome to Fed Detective work! You will be finding facts, examining evidence, and decoding discoveries! Search the exhibits for the following information to complete each Fed Fact. Use the clue at the end of each fact to help you find the answer more easily. GOOD LUCK!!

Rotation 1:

1. How many missions does the Federal Reserve Bank have? **(Exhibit Title Display)**
2. The Fed's monetary policy influences the interest rate you pay on what two items?
(Monetary Policy)
3. List three ways you can use the payments system. **(Financial Services)**
4. What group of Fed workers makes sure that banks follow the rules?
(Supervision/Regulation)
5. Give one example of M1 money.

Give one example of M2 money.
(Understanding the Money Supply)
6. What do the letters GDP stand for? **(Economic Stability)**
7. What does inflation mean? **(Cost of Inflation)**



Rotation 2:

8. What do the letters FOMC stand for? **(FOMC)**
9. Name two of the economic sectors that are discussed in the Beige Book. **(District Viewers)**
10. Which of the city “hot spots” has insurance as its major industry? **(District Viewers)**
11. Name three products that are exported to other countries by the Tenth District.
(International Connections)
12. A place where buyers and sellers come together and agree on a price in exchange for a product is called a m_____. **(Changing Nature of the Financial System)**
13. How do banks make a profit? **(How Banks Build Wealth)**

Rotation 3:

14. List three ways the Fed helps banks. **(Banker to the Banks)**
15. What does the Fed do for a bank if it is “short” on payments? **(Keep the Money Moving)**
16. The Fed plays a major role in banks’ s_____ and r_____.
(Why you can Trust your Bank)
17. Name three security features of the new currency. **(Counterfeits)**
18. How many regional banks are a part of the Federal Reserve System?
(Regional Reserve Banks)



Rotation 4:

19. List three examples of electronic payments. **(Changing Ways That People Pay)**

20. The higher your e _____, the more money you are likely to earn.
(Personal Financial Choices)

21. Who (what organization) prints currency in the U.S.? **(Currency)**

22. Name a new way to make an electronic payment. **(Electronic Payments)**

23. Name two crisis situations that have occurred in the U.S. where the Fed has helped provide financial services and economic stability. **(Crisis Management)**

24. What is the largest denomination of currency now issued in the U.S.? **(It All Adds Up)**

25. How is currency and coin transported to the Fed? **(Cash Processing/The Vault Video)**

Bonus Question!

Tell one Fed Fact you learned from:

The Fed and You Media Wall

The Truman Coin Collection

The Bank Heritage Case

Which of these three exhibits was your favorite? _____

Why? _____



FED DETECTIVE ANSWER SHEET

Name _____

Agency Name _____

Welcome to FED Detective work! You will be finding facts, examining evidence, and decoding discoveries! Search the exhibits for the following information to complete each Fed Fact. Use the clue at the end of each fact to help you find the answer more easily.
GOOD LUCK!!

Rotation 1:

1. How many missions does the Federal Reserve Bank have? **(Exhibit Title Display)**

3

2. The Fed's monetary policy influences the interest rate you pay on what two items?
(Monetary Policy)

credit cards and loans

3. List three ways you can use the payments system. **(Financial Services)**

ATM, cash, debit or credit card, write a check

4. What group of Fed workers makes sure that banks follow the rules?
(Supervision/Regulation)

bank examiners

5. Give one example of M1 money.

Currency, checks, checking deposits

- Give one example of M2 money. **(Understanding the Money Supply)**

Savings deposits, CDs, money market deposit funds

6. What do the letters GDP stand for? **(Economic Stability)**

Gross Domestic Product

7. What does inflation mean? **(Cost of Inflation)**

rise in the general level of prices that reduces the purchasing power of money



Rotation 2:

8. What do the letters FOMC stand for? **(FOMC)**
Federal Open Market Committee

9. Name two of the economic sectors that are discussed in the Beige Book.
(District Viewers) *agriculture, consumer spending, banking, energy, labor markets and wages, manufacturing, real estate and construction, prices (any two)*

10. Which of the city “hot spots” has insurance as its major industry? **(District Viewers)**
Omaha

11. Name three products that are exported to other countries by the Tenth District.
(International Connections)
corn, wheat, soybeans, software, airplanes, global positioning systems

12. A place where buyers and sellers come together and agree on a price in exchange for a product is called a *market*. **(Changing Nature of the Financial System)**

13. How do banks make a profit? **(How Banks Build Wealth)**
interest from loans or fees from services

Rotation 3:

14. List three ways the Fed helps banks. **(Banker to the Banks)**
supplies coin and currency, replaces worn and damaged bills, processes checks

15. What does the Fed do for a bank if it is “short” on payments? **(Keep the Money Moving)**
provide credit or loans

16. The Fed plays a major role in banks’ *supervision* and *regulation*.
(Why you can Trust your Bank)

17. Name three security features of the new currency. **(Counterfeits)**
watermark, security thread, serial number, color-shifting ink, portrait, check letters, plate and quadrant numbers, microprinting, concentric fine lines, Federal Reserve indicators (any three)

18. How many regional banks are a part of the Federal Reserve System?
(Regional Reserve Banks) *12*



Rotation 4:

19. List three examples of electronic payments. **(Changing Ways That People Pay)**
ATMs, online banking, debit/credit cards, ACH (automated clearinghouse)
20. The higher your *education*, the more money you are likely to earn.
(Personal Financial Choices)
21. Who (what organization) prints currency in the U.S.? **(Currency)**
Bureau of Engraving and Printing
22. Name a new way to make an electronic payment. **(Electronic Payments)**
Use cellphone to buy items
23. Name two crisis situations that have occurred in the U.S. where the Fed has helped provide financial services and economic stability. **(Crisis Management)**
2001 terrorist attack; natural disasters (such as hurricanes, floods)
24. What is the largest denomination of currency now issued in the U.S.? **(It All Adds Up)**
\$100 bill
25. How is currency and coin transported to the Fed? **(Cash Processing/The Vault Video)**
armored carriers

Bonus Question!

Tell one Fed Fact you learned from:

The Fed and You Media Wall *Answers may vary.*

The Truman Coin Collection *Answers may vary.*

The Bank Heritage Case *Answers may vary.*

Which of these three exhibits was your favorite?

Why?