

WALL STREET: MONEY NEVER SLEEPS



Active Learning Tool
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RECOMMENDED GRADE LEVELS	AVERAGE TIME TO COMPLETE	EACH LESSON PLAN IS DESIGNED AND CONTINUALLY EVALUATED “BY EDUCATORS, FOR EDUCATORS.” THANK YOU TO THE FOLLOWING EDUCATORS FOR DEVELOPING COMPONENTS OF THIS LESSON PLAN.
10-12	Anticipatory Set & Facilitation: 140-160 minutes Conclusion/Assessment Options: 60-90 minutes	<ul style="list-style-type: none"> Megan Sudak, Business & Technology Educator, Beverly, Massachusetts

NATIONAL STANDARDS	LESSON PLAN OBJECTIVES
See the lesson plan from which you are integrating concepts for an applicable list of standards.	Upon completion of this lesson, participants will be able to: <ul style="list-style-type: none"> Create an infographic Explain vocabulary in an engaging manner Analyze and interpret information Research stock information Recognize some of the complexities of the stock market and financial crisis Organize and group related information together to tell a story Create an appealing interpretation of raw data

MATERIALS		
MATERIALS PROVIDED IN THIS LESSON PLAN	MATERIALS SPECIFIC TO THIS LESSON PLAN BUT AVAILABLE AS A SEPARATE DOWNLOAD	MATERIALS TO ACQUIRE SEPARATELY DEPENDING ON OPTIONS TAUGHT
<ul style="list-style-type: none"> Crystal Ball 3.0.61.A1 Wall Street: Money Never Sleeps Worksheet 3.0.61.A2 Vocabulary Infographic for Louie Rubric 3.0.61.B1 Dow Jones Company Profile Infographic Rubric 3.0.61.B2 Wall Street: Money Never Sleeps Vocabulary 3.0.61.E1 Vocabulary Infographic Example 3.0.61.E2 Company Profile Infographic Example 3.0.61.E3 Dow Jones Companies 3.0.61.E4 	<ul style="list-style-type: none"> Wall Street: Money Never Sleeps Answer Key 3.0.61.C1 	<ul style="list-style-type: none"> <i>Wall Street: Money Never Sleeps</i> movie, rated PG-13 Crystal ball or crystal ball projection

RESOURCES
EXTERNAL RESOURCES

External resources referenced in this lesson plan:

- Moral Hazard in a Minute video - <https://youtu.be/0mq4-fNCbhY>
- Economic Bubble Causes: <https://youtu.be/I5ZR0jMlxX0>
- Piktochart Infographics in 5 steps: <https://piktochart.com/blog/how-to-create-an-infographic-and-other-visual-projects-in-5-minutes/>
- Visual Guide to 2008 Financial Crisis: <http://www.wallstats.com/blog/wp-content/uploads/2008/12/visualguidecrisis2.jpg>

Some helpful links for Stock Price research:

- <http://www.fundinguniverse.com/company-histories>
- <http://www.nasdaq.com/symbol/wen/historical>
- <https://finance.yahoo.com/lookup>

TAKE CHARGE TODAY RESOURCES

Similar lesson plan at a different level:

- None available

Optional lesson plan resources:

- Fundamentals of Investing 2.4.4
- Let’s Talk Stocks 2.4.7
- Researching Stocks: An Investment Portfolio Simulation 2.4.8
- Vocabulary Reinforcement Activities 3.0.36

CONTENT

Wall Street: Money Never Sleeps (PG-13) is the sequel to the 1987 film, Wall Street. “Following a long prison term for insider trading, Gordon Gekko finds himself on the outside looking in at a world he once commanded.” Ostensibly hoping to repair his broken relationship with his daughter, Gekko forges an alliance with her fiancé, Jake. Although Jake comes to view Gordon as a father figure, he learns the hard way that Gekko is still a master manipulator who will stop at nothing to achieve his goals.” Loosely based on the 2008 Financial Crisis, this film is rich in a number of financial topics including economic bubbles, clean energy, bailouts, ethics, and many others.

LESSON FACILITATION

PREPARE

Visual indicators to help prepare the lesson

INSTRUCT

Instructions to conduct the lesson facilitation

CUSTOMIZE

Potential modifications to lesson facilitation

VOCABULARY ACTIVITY

Crystal Ball Vocabulary

Approximate time: 15 minutes

Materials to prepare:



- Moral Hazard in a Bubble and the Economic Bubble Causes videos
- “Crystal ball” as a prop or image of a crystal ball to project onto a screen.
- *Wall Street: Money Never Sleeps Vocabulary* 3.0.61.E1
- 1 *Crystal Ball* 3.0.61.A1 per participant

1. Write the vocabulary words from *Wall Street: Money Never Sleeps Vocabulary* 3.0.61.E1 on the board or display w/ an interactive white board.
2. Provide participants with the *Crystal Ball* 3.0.61.A1 handout.
 - a. This is similar to the Crystal Ball activity from the *Vocabulary Reinforcement Activities Active Learning Tool* 3.0.36 with a 3rd column added.
3. Have participants populate the first column of the *Crystal Ball* 3.0.61.A1 worksheet with vocabulary terms written on the board.

Use the 2 videos in the External Resources section to give explanation about important vocabulary terms featured in the movie.

It is recommended to point out defined vocabulary words as the movie plays so students can make connections to their new knowledge.

<ol style="list-style-type: none"> 4. Ask for volunteers to explain what a crystal ball is used for. If possible, obtain a "crystal ball" to use as a prop, or find an image of a crystal ball to project. Steer the discussion to identify that a crystal ball is used to predict the future. 5. Explain to participants that they will predict what they think terms related to the lesson mean. Reinforce that even if they are not familiar with the terms, they may be able to determine part of the definition by using prefix, suffix, and root words as clues. 6. Ask participants to complete the column "What I think it means" on the <i>Crystal Ball</i> 3.0.61.A1 handout and predict the definition for the term. Ask participants to share their assumptions of the words they are asked to define. 7. Provide participants with the actual definitions so they can write these down on the worksheet prior to the start of the movie. 8. During the movie, stop as each term is defined and point out the definition on their worksheet. 	
ANTICIPATORY SET	
<p style="text-align: center;"><u>What's my number?</u></p> <p><u>Approximate time:</u> 5 minutes <u>Materials to prepare:</u></p> <ul style="list-style-type: none"> ▪ None <ol style="list-style-type: none"> 1. Ask participants to answer the following question, and have them record their responses. "What is the amount of money you would need to be able to walk away from risk or a job and just live happily-ever-after?" 2. Participants will respond to this again on the <i>Response Worksheet</i> 3.0.61.A2 once they have completed the movie. 	<p>Write the question on the board or display on screen.</p>
RECOMMENDED FACILITATION	
<p><u>Approximate time:</u> 140 minutes (The movie is 136 minutes long) <u>Materials to prepare:</u></p> <ul style="list-style-type: none"> ▪ <i>Wall Street: Money Never Sleeps</i> movie, rated PG-13 ▪ <i>Crystal Ball</i> 3.0.61.A1 worksheet <ol style="list-style-type: none"> 1. Watch the movie, <i>Wall Street: Money Never Sleeps</i> 2. As participants are watching, have them complete the third column of the <i>Crystal Ball</i> 3.0.61.A1 worksheet. 	<p>*While this is a PG-13 rated movie, there are a few instances of profanity. Preview the movie before showing.</p>
CONCLUSION	
<p style="text-align: center;"><u>Worksheet Review</u></p> <p><u>Approximate time:</u> 15-20 minutes <u>Materials to prepare:</u></p> <ul style="list-style-type: none"> ▪ 1 <i>Wall Street: Money Never Sleeps Worksheet</i> 3.0.61.A2 per participant <ol style="list-style-type: none"> 1. Hand out the <i>Wall Street: Money Never Sleeps Worksheet</i> 3.0.61.A2 and have participants complete it. 2. Lead a discussion/debate with the group regarding the worksheet, in particular, questions 1 and 3. 3. Ask if any of their "numbers" changed from before the movie to after? Why? Why not? Do they think it is realistic? 	<p>This can be skipped, or can be used if only short amount of time left.</p>

ASSESSMENT

There are two assessment options provided for this lesson.

1. Option 1: Vocabulary Infographic
2. Option 2: Dow Jones Company Profile Infographic

Option 1: Vocabulary Infographic for Louie

Approximate time: 70 minutes

Materials to prepare:

- “Visual Guide to the Financial Crisis” Infographic – URL in External Resources section at the top of the lesson.
 - 1 *Vocabulary Infographic for Louie Rubric* 3.0.61.B1 per participant
 - *Vocabulary Infographic Example* 3.0.61.E2
1. Hand out the *Vocabulary Infographic for Louie Rubric* 3.0.61.B1 to participants.
 2. Display the infographic “Visual Guide to the Financial Crisis”
 3. Tell participants that *Wall Street: Money Never Sleeps*, was loosely based on the 2008 Financial Crisis.
 - a. The Infographic displayed is a fantastic, in-depth visual guide to what happened. Infographics are a visual method for displaying information and data.
 4. Inform participants that *Wall Street: Money Never Sleeps* was released in 2010. Based on the year, Baby Louie would be a 1st grader. Participants will create an infographic to explain one of the vocabulary terms to Louie.



Participants will need to register with Piktochart in order to create an Infographic. If internet is an issue, regular markers and paper can be used.

Option 2: Dow Jones Company Profile Infographic

Approximate time: 90 - 110 minutes depending upon the method used

Materials to prepare:

- “Visual Guide to the Financial Crisis” Infographic - URL in External Resources section at the top of the lesson.
 - 1 *Dow Jones Company Profile Infographic Rubric* 3.0.61.B2 per participant
 - *Company Profile Infographic Example* 3.0.61.E3
 - *Dow Jones Companies* 3.0.61.E4
1. Hand out the *Dow Jones Company Profile Infographic Rubric* 3.0.61.B2 to participants.
 2. Display the infographic “Visual Guide to the Financial Crisis”
 3. Tell participants that *Wall Street: Money Never Sleeps*, was loosely based on the 2008 Financial Crisis.
 - a. The Infographic displayed is a fantastic, in-depth visual guide to what happened. Infographics are a visual method for displaying information and data.
 4. In the first 10 minutes of the movie, there is a news shot of the Dow Jones Industrial Average (DJIA) shown. The DJIA is one of the many indicators used to measure the health of the Stock Market. In this activity, participants are going to research and prepare an infographic using Piktochart on one of the companies that make up the DJIA.
 5. Refer to the *Dow Jones Companies* 3.0.61.E4. You may want to have participants draw companies out of a hat, or simply assign one of the companies to individual participants.



Participants will need to register with Piktochart in order to create an Infographic. If internet is an issue, regular markers and paper can be used.

There are some helpful links for Stock Price research in the External Resources section at the top of the lesson plan.

Wall Street: Money Never Sleeps Vocabulary

	TERM	DEFINITION
1.	Bailout	an act of giving financial assistance to a failing business or economy to save it from collapse.
2.	Bubble	type of investing phenomenon occurs when investors put so much demand on a stock that they drive the price beyond its actual worth, and the stock eventually pops.
3.	Dow Jones Industrial Average	a stock index of 30 major corporations that is used to measure the overall value and health of the stock market
4.	Leverage	technique involving the use of borrowed funds in the purchase of an asset, with the expectation that the after tax income from the asset and asset price appreciation will exceed the borrowing cost
5.	Moral Hazard	when one person takes more risks because someone else bears the cost of those risks. A moral hazard may occur where the actions of one party may change to the detriment of another after a financial transaction has taken place.
6.	Speculation	the purchase of an asset with the hope that it will become more valuable at a future date; practice of engaging in risky financial transactions in an attempt to profit from <i>short term fluctuations</i> in the market value of a tradable financial instruments
7.	Valuation	determining the economic value of an asset or liability

Crystal Ball

	Total Points Earned
21	Total Points Possible
	Percentage

Name _____

Date _____

Class _____

Directions: For each term, let your mind look into its "crystal ball" to predict what you think the term means. Record the actual meaning during the class discussion. During the movie, make note of when you hear the term used.

TERM	WHAT I THINK IT MEANS? (1 point)	WHAT IT ACTUALLY MEANS? (1 point)	MOVIE REFERENCE (1 POINT)
Bailout			
Bubble			
Dow Jones Industrial Average			
Leverage			
Moral Hazard			
Speculation			
Valuation			

Vocabulary Infographic for Louie Rubric

	Total Points Earned
24	Total Points Possible
	Percentage

Name _____

Date _____

Class _____

Directions: *Wall Street: Money Never Sleeps* was released in 2010. Baby Louie would be a 1st grader. Create an infographic to explain one of the vocabulary words/concepts to Louie.

Infographic Steps:

1. Plan - Have an outline of what is needed for the assignment and who your audience is
2. Think in visuals - what pictures will tell the story?
3. Research - Find information and keep a running log of where your information is from
4. Outline - create a rough draft visually, to help you map out your infographic
5. Selection - choose fonts and colors carefully
6. Document - cite your sources!

Using Piktochart is easy! Follow these steps:

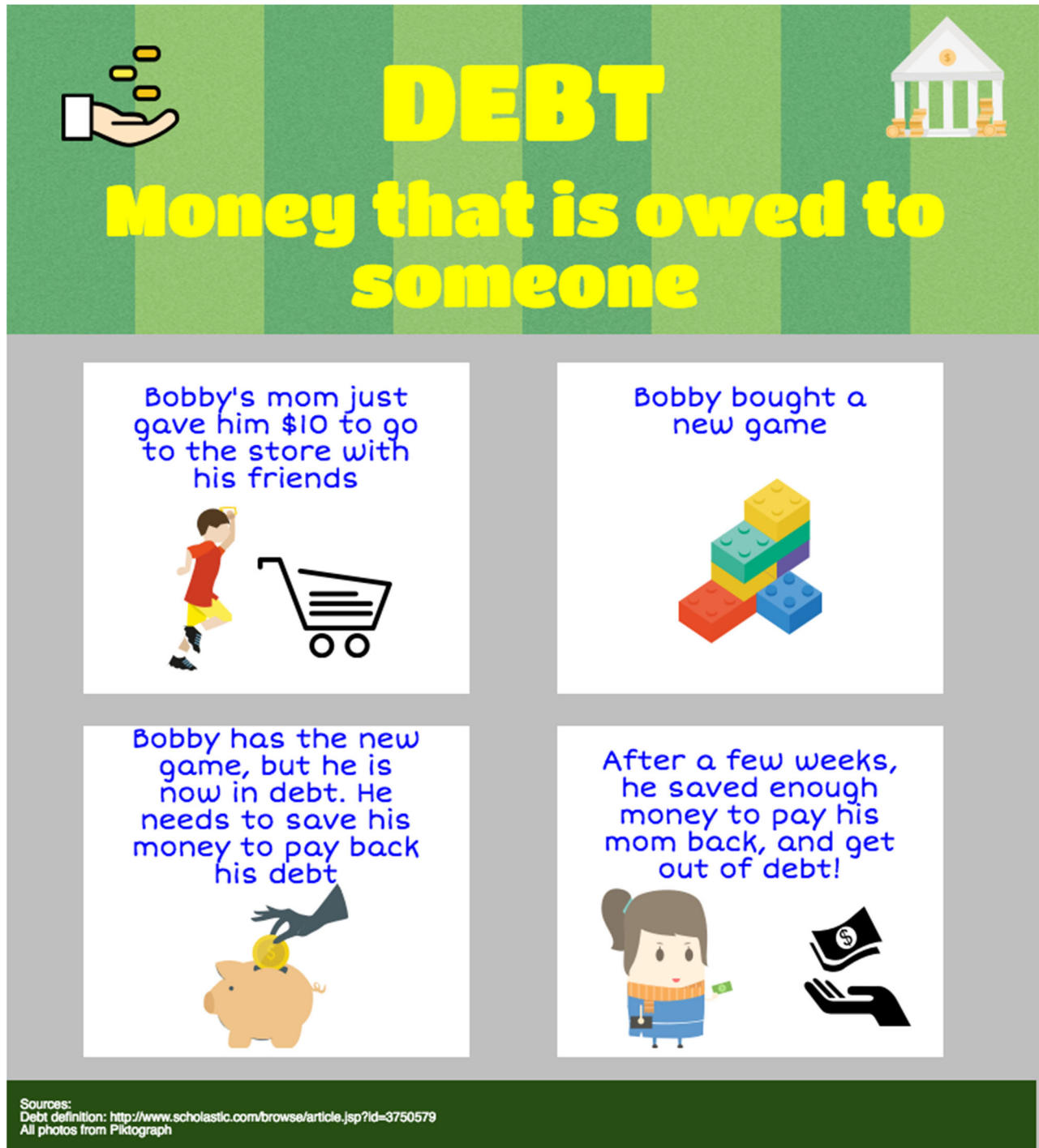
1. Create a free account using an email address. Click- Sign up for Free!
2. You can create Infographics, presentations or Printables. Infographics and Printables are the most relevant.
3. Visit <https://piktochart.com/blog/how-to-create-an-infographic-and-other-visual-projects-in-5-minutes/> for further instructions.

Requirements - Your Vocabulary Infographic should include the following:

- A title (the word) larger in size
- a sentence including the word
- the definition
- Citations for all information
- photos to describe or explain

	Exemplary	Satisfactory	Unsatisfactory	No Performance	Score
Content: <ul style="list-style-type: none"> ▪ Topic and message of infographic is clear and understood from the audience perspective ▪ Vocabulary word is: defined, portrayed in a picture, included in a sentence, and written in large font 	12-9	8-5	4-1	0	
Graphics: <ul style="list-style-type: none"> ▪ The graphics used represent the topic appropriately ▪ Color, shape, size and arrangement of the information contribute meaning to the vocabulary word. ▪ The design/layout is visually appealing 	6-5	4-3	2-1	0	
Citations: <ul style="list-style-type: none"> ▪ Credits/citations provided for all information, data and photos. 	6-5	4-3	2-1	0	
				Total Points Earned	
				Total Points Available	24
				Percentage	

Vocabulary Infographic Example



The infographic is titled "DEBT" in large yellow letters. Below the title is the definition: "Money that is owed to someone". The background is green with vertical stripes. There are icons of a hand dropping coins, a bank building, a boy with a shopping cart, stacked blocks, a piggy bank, and a girl handing money to a hand.

DEBT

Money that is owed to someone

Bobby's mom just gave him \$10 to go to the store with his friends

Bobby bought a new game

Bobby has the new game, but he is now in debt. He needs to save his money to pay back his debt

After a few weeks, he saved enough money to pay his mom back, and get out of debt!

Sources:
Debt definition: <http://www.scholastic.com/browse/article.jsp?id=3750579>
All photos from Piktograph

Dow Jones Company Profile Infographic Rubric

	Total Points Earned
24	Total Points Possible
	Percentage

Name _____

Date _____

Class _____

Directions: You will create an Infographic that will profile one of the companies that make up the Dow Jones.

Infographic Steps:

1. Plan - Have an outline of what is needed for the assignment and who your audience is
2. Think in visuals - what pictures will tell the story?
3. Research - Find information and keep a running log of where your information is from
4. Outline - create a rough draft visually, to help you map out your infographic
5. Selection - choose fonts and colors carefully
6. Document - cite your sources!

Using Piktochart is easy! Follow these steps:

1. Create a free account using an email address. Click- Sign up for Free!
2. You can create Infographics, presentations or Printables. Infographics and Printables are the most relevant.
3. Visit <https://piktochart.com/blog/how-to-create-an-infographic-and-other-visual-projects-in-5-minutes/> for further instructions.

Requirements - Your Profile Infographic should include the following:

- Company Name/Logo
- Description (what they do, where they are headquartered, and any other interesting information)
- Mission/Vision statement (what is their purpose?)
- Financial Details (Ticker symbol, Market it is traded on, 52-week high/low stock prices)
- Stock History (chart/data that is based on their stock price) Look for stock information from 2007-present
- Analysis/Findings (See how the stock did during the 2008 Financial Crisis, any other important information, Company milestones financially)
- Citations for all information

	Exemplary	Satisfactory	Unsatisfactory	No Performance	Score
Content: <ul style="list-style-type: none"> ▪ Topic and message of infographic is clear ▪ All requirements are included ▪ Analysis is clear, concise, and relevant 	12-9	8-5	4-1	0	
Graphics: <ul style="list-style-type: none"> ▪ The graphics represent the topic appropriately ▪ Color, shape, size and arrangement of the information contribute meaning. ▪ The design/layout is visually appealing 	6-5	4-3	2-1	0	
Citations: <ul style="list-style-type: none"> ▪ Credits/citations provided for all information, data and photos 	6-5	4-3	2-1	0	
				Total Points Earned	
				Total Points Available	24
				Percentage	

Company Profile Infographic Example



The Dow Jones Companies

The chart below is a list of all the companies that make up “The Dow”. The DJIA is the oldest and best known stock market index, however a more representative market index to follow is the S&P 500 Index, which tracks 500 stocks. Only one company has been on the DJIA since its beginning in 1896: General Electric (GE). Use this list as one resource to help participants select a corporation to research for their Company Profile Infographic.

Company	Ticker Symbol	Company	Ticker Symbol
Apple	(NASDAQ:AAPL)	McDonald's	(NYSE:MCD)
American Express	(NYSE:AXP)	3M Company	(NYSE:MMM)
Boeing	(NYSE:BA)	Merck	(NYSE:MRK)
Caterpillar	(NYSE:CAT)	Microsoft	(NASDAQ:MSFT)
Cisco Systems	(NASDAQ:CSCO)	Nike	(NYSE:NKE)
Chevron	(NYSE:CVX)	Pfizer	(NYSE:PFE)
Coca-Cola	(NYSE:KO)	Procter & Gamble	(NYSE:PG)
DuPont	(NYSE:DD)	The Travelers	(NYSE:TRV)
ExxonMobil	(NYSE:XOM)	UnitedHealth	(NYSE:UNH)
Goldman Sachs	(NYSE:GS)	United Technologies	(NYSE:UTX)
Home Depot	(NYSE:HD)	Visa	(NYSE:V)
IBM	(NYSE:IBM)	Verizon	(NYSE:VZ)
Intel	(NASDAQ:INTC)	Walgreens	(NYSE:WBA)
Johnson & Johnson	(NYSE:JNJ)	Wal-Mart	(NYSE:WMT)
JPMorgan Chase	(NYSE:JPM)	Walt Disney	(NYSE:DIS)

If you have more than 30 participants, you may want to consider using the NASDAQ 100 Index list of companies (100 companies are listed). Another option would be to allow participants to choose their companies from the S&P 500 Index (500 companies are listed).