

Teacher Guide for ODYSSEY

It's Just Money! The Science of Spending

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Read with students and discuss *Science Scoops* (p.2). Brainstorm with students on chart paper what the students know about money. Post for reference during lesson. At end of lesson revisit chart and add or delete what they learned about money.

Pose the question from *Less \$\$ now or More \$\$ Later* (p.4). "Do you want \$70 in three days, or \$110 in three months?" Have students discuss in pairs and give reasons for their choice. Then have students get into groups of 4 and then try to convince each other towards one decision. As a whole group, discuss which would be the better choice with the reasons to support their decision. Then read the article, and compare their choices and classroom choice with the choice from the article.

Divide the class into small groups. Assign articles for the groups to read, discuss, create a presentation with a visual. Then do presentations in the class. The following questions can be used to guide the group discussions.

Crisis from Rich to Poor pages 6-11

1. What events changed Kerry's living situation?
2. Why are more than 1 in 10 Americans unemployed?
3. How many American live in poverty according to the National Academy of Sciences?
4. List reasons that caused the financial crisis?
5. Why did people feel wealthier than they actually were?
6. When the "bubble" popped what happened?
7. How did credit cards play a part in the crisis?
8. What was the main reason that made matter worse?
9. What was the crisis of confidence?
10. What solution did the federal government come up with?
11. What are some suggestions from the experts to keep this from happening again?
12. Read *Swindled* (p.11). What is your impression?

Stock up for the Future: It Comes Faster Than You Think pages 12-13 and What Really Happens at the NYSE?

pages 13

1. What did Laura do at age 12 and why?
2. As an adult, what financial choices did Laura and her husband make?
3. Explain diversity, tax-deferred accounts, spin-off, and high-interest savings account.
4. What is Laura's advice in a financial crisis?
5. What does she suggest you do with your money?
6. What is it never too early to start?
7. What is NYSE?
8. Describe how trading is done on the NYSE.
9. Before 2007, how was the auctioning at the NYSE done?
10. In January 2007 how was the auctioning at the NYSE changed?

Meet Allyson Ames: One of the Richest Kids in America
page 14-17

1. What is one of Allyson's main goals?
2. How is her bakery described?
3. Reading Allyson's answers to the questions in the interview, what does she have to say about money, business, and following your dreams?

The Group 11 Elements: Making Money in Many Ways
pages 26-31

1. Explain what "Group 11 Elements" are.
2. What are "noble metals"?
3. What are the "noble metals"?
4. How do they react and as a result what don't they do?
5. Group elements are also "native metals". What does this mean?
6. How were these "native metals" helpful in early human history?
7. Explain malleability.
8. What is another characteristic of the Group 11 elements?
9. Why are the "noble metals" desirable?
10. What problems does this versatility cause?
11. Why are silver and gold coins gone?
12. Create a timeline for *From Gold Standard to Bit Standard* (p.28-29)
13. Explain *Cash or Credit* (p.30) and *Future* (p.31). What benefits or hindrances does it have for us?

One Pound...Sir Isaac Newton...Detective?
pages 32-33

1. Create a timeline of the Sir Isaac Newton article.

2. What did Newton do to fight counterfeiters?
3. Why were the coins easy to counterfeit?
4. What did the British do in 1696 to help fight the counterfeiters?
5. When Newton joined the mint what did he do?

Show Me the Money
pages 38-40

Answer the questions:

1. Why does the thought of money stir up strong memories?
2. What happens when you see money or some other objects of value?
3. What goes on in your brain when you expect a monetary reward?
4. Do you see a thing differently if you know it will profit you in some way?
5. Why is the visual system responding in such an astounding way?
6. What does the MRI show about having money on the brain?

Other activities with remaining articles:

Read the other articles:

1. p. 3 do Got any ideas?
2. p. 5 do What do you smell?
3. *p.18-21 Write a summary on the fiction story.*
4. *p.24-25 Learn more about the music industry.*
5. *p. 34-37 Create your own \$20 bill.*
6. *p. 42-43. Check out this game at their website.*
7. *p.49 Discover a different kind of dollar.*