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FINANCIAL LITERACY FOR KIDS

VOL. 4, NO. 8
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From the Editor: Thanks to the PwC Charitable Foundation, TIME for Kids is pleased to offer teachers, students, and their families a monthly financial-literacy magazine. —**Andrea Delbanco, Editorial Director, TIME Education**

WHAT'S INSIDE

- Buying used products can help the environment and save you money. Find out how on pages 2 and 3 of the student magazine.
- Not into the buy-used movement? There are other changes you can make. Turn to page 4.
- Money expert Jean Chatzky explains investments.



a note from Jean

Dear Teachers,

Over the past year, I've started shopping at a consignment store near my home in New York. Some of the deals I've gotten outshine even the best clearance sales at retail stores. But I also feel that by not buying new—and by selling some of the clothing that just sits in my closet—I'm doing a bit to help the Earth. This is one small example of what we're talking about in this month's cover story on how buying used helps the planet and our bottom line.

We'd love to hear how your classes marked Earth Day. Perhaps your stories will give us fodder for next year.

Have a great month!

Jean

Teaching the cover story

REDUCE, REUSE, SAVE!

SUMMARY

Discover why buying used is better for your budget—and the Earth.

TEACHING TIPS

Before Reading

Make Real-World Connections

- Ask: Have you or has a family member ever bought something used? What did you buy? Why did you choose used?

Make Predictions

- Brainstorm with your class a list of reasons why buying used products might be better for the environment than buying new. Record student responses on the board. Ask: How can buying used products benefit you?

Build Comprehension

Recall Key Details

- Have students jot down answers to these questions as they read: What is one way making a new pair of jeans affects the environment? How does buying used jeans help the environment? How are some companies supporting the buy-used movement?

Identify Main Idea

- As students read “Reduce, Reuse, Save!,” on pages 2 and 3, have them underline details that support the idea that buying used is more affordable and better for the environment. Then have them write a

one-sentence summary of each of the three sections of the story: “Get Started,” “Make a Choice,” and “The Winner Is.”

Ask: How does each section support the main idea of the article?

Analyze Text Structure

Identify Nonfiction Features

- Ask: In what ways does the layout look like a game board? Read aloud the section titles. Do they remind you of a game? How so? Why do you think the author structured the text in this way? Have students pair up to write an article on how to save money and the planet, using the cover story's structure as inspiration. Brainstorm a list of conservation topics, such as how to save electricity or water.

Extend Learning

Repurpose It

- Challenge students to invent new uses for old items, such as T-shirts, clean yogurt cups, paper or plastic bags, and glass jars. Separate students into groups, and assign each group an old item. Tell them to come up with as many ways as possible to reuse the item. Have students share their ideas with the class. After each group presents, ask: Which ideas do you think are the most practical, and why? How might reusing the item benefit you and your family?

FINANCIAL-LITERACY STANDARDS ADDRESSED
Grades K–12
II. Buying Goods and Services
III. Saving

COMMON CORE STATE STANDARDS ADDRESSED
Grade 4 RI.4.1, RI.4.2, RI.4.5, W.4.2, SL.4.1

Teaching the story TRY THESE TIPS

TRY THESE TIPS
Buying used isn't the only way to save money and help the environment. Here are other steps you and your family can take that are good for your wallet and the world. Small efforts can add up to big savings!

Green Gaming Gaming systems can be energy hogs, but there are ways to cut their power use. If you have an Xbox One, the console's standby power use is up to 10W, according to EnergyGuru. If you have a PlayStation 4, programs to shut off power after play. Reduce the default setting for "rest" mode from an hour of idleness to 15 minutes. Finally, check your console's settings for an automatic turn-off feature for controllers. Set it for 30 or 60 minutes.

Long-Lasting Lights The average U.S. household spends \$1.12 in 2016, according to the Energy Information Administration, just by turning off lights when people are using them. But you can do more. Determine the hours you typically use lightbulbs, and then invest in energy-efficient models. Long-life bulbs with the Energy Star logo. The approach could save \$75 per year.

ASK JEAN!
Investment means paying more—generally more or more—than you would pay for the same item. But the investment you make when you buy your car is an investment in your future. Your dealer likely offers you a special financing rate, which is called a lease of cash. Don't hope to take the car home for free, the company will do well over time. There are trade-offs, but you might be able to sell the car for less, or more. We invest in businesses that we want to grow. We want to see them succeed. We want to see the people who work for us succeed. We can also invest in people. When your parents put money in a bank to help you pay for college or spend time helping you with homework, they're making "an investment" in your future.

Do you have a question? Write to Jean at jean@pwc.com.
Made possible by the PwC Charitable Foundation.

Before Reading Make Connections

- How do you and your family make choices that benefit the environment? Do you think your family could do more? Why or why not?

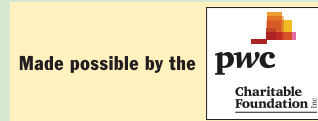
Build Comprehension Read for Details

- As students read the article, have them take notes on how each tip helps the Earth and saves money.

Identify Problem-Solution

- Have students pair up to create an illustrated problem-solution chart for at least one of the three tips. Their drawing should show a problem (e.g., high energy bills) and one solution (e.g., replace old lightbulbs with energy-efficient bulbs.) Students should also include a box illustrating the environmental and money-saving effects of each tip.

FINANCIAL-LITERACY STANDARDS ADDRESSED
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Grade 4 RI.4.1, RI.4.2, RI.4.5, RI.4.8, W.4.1, SL.4.1, SL.4.4



School / Home CONNECTION



Share these tips with your students' families.

- Challenge students to work with a parent or guardian to figure out their family's carbon footprint. Use the online calculator at epa.gov/carbon-footprint-calculator. Then have them choose at least two Earth-friendly (and money-saving) tips from this month's magazine to put into action right away. How will the plan reduce their carbon footprint and save money?
- Have students enlist each family member to choose up to five items (an article of clothing, a book, a toy) that they no longer use. Then they should come together to brainstorm what to do with the items. Encourage students to review with their family the tips from the cover story (e.g., organize a swap session with neighbors, trade old items for discounts on new ones, hold a tag sale, or donate their castoffs). What are the benefits and drawbacks for each plan of action?

ADDITIONAL RESOURCES

councilforeconed.org/standards
Visit for free teaching resources and to download the K–12 national standards for financial literacy.

earthday.org
The Earth Day Network site, founded by the organizers of the first Earth Day, in 1970, promotes environmental action all year long.

ANSWER KEY FOR WORKSHEETS

Let's Go Green Shopping!, p. 3:
1. \$6.60 2. jeans 3. The bike won't need repairs right away. It may last longer. You will be the bike's first owner. / Reduce waste. Help reduce the environmental impact of manufacturing bikes. Save money. / Answers will vary. 4.–5. Answers will vary.

Strive to Be Waste-Free, p. 4:
1.–4. Answers will vary.

Your name _____

Date _____

LET'S GO GREEN SHOPPING!

The chart compares the prices of brand new items with the prices of similar used items. Use the chart to answer the questions.

Product	Price, New	Price, Used
Diary of a Wimpy Kid, Book 1	\$9.59	\$2.99
jeans	\$98	\$49
smartphone	\$276.95	\$164.99
video game console	\$299	\$264.98
acoustic guitar	\$119.99	\$33
mountain bike	\$390	\$145

Sources: Amazon and Ebay

- What is the difference in price between a used Wimpy Kid book and a new one? _____
- Which product's used price is half that of its new price? _____

- Let's say you have saved \$400 because you want to buy a special mountain bike. What would be the benefit of buying the bike new? _____

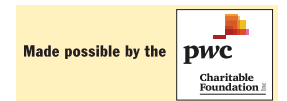
- What would be the benefit of buying the bike used? _____

- Which would you choose? Explain. _____

- Choose another product from the chart. Would you buy it used? Why or why not? _____

- Do you think buying used is a good way to reduce waste and save money? Why or why not? Use evidence from the cover story and the chart to support your answer.

Common Core State Standards: RI.4.7



_____ *Your name*

_____ *Date*



STRIVE TO BE WASTE-FREE

Read the cover story, “Reduce, Reuse, Save!” Then make a plan to reduce the amount of trash you create. Complete the organizer below to get started.

1. What kinds of items do you most like to buy? Put a check next to the one you buy the most, or write another item in the space provided.

_____ clothing _____ technology _____ books _____ video games
_____ other _____

2. Think about the type of item you buy most. How could you get it in an Earth-friendly way? Use information from the cover story in your response. _____

How is this way better for the environment? Explain. _____

3. Think about one item you own that you no longer have a use for. What is another way you could use it? _____

Would you swap the item for something you could use? Why or why not?

4. You’ve come up with some ways to reduce waste. These actions will also save you money. Are they worth the effort? Why or why not? _____

Try It! Share this page with a family member. Together, brainstorm a list of ways your family can reduce waste. Try at least one of the ideas right away.

Common Core State Standards: RI.4.1, RI.4.7