



THE RECYCLE WRAP

Monterey Regional Waste Management District
 Student Eco-Newsletter • Spring 2016
 "It's a Small Planet — Recycle"



Hello, teachers!

Welcome to the second edition of the Monterey Regional Waste Management District's student eco-newsletter. In this edition, we celebrate MRWMD's 65th birthday, invite students to take action on litter, talk about how to participate in local recycling, composting, and reuse programs, and more. We also introduce El Puro, El Luchador de Consecuencias, a hero for our planet.

Inside this teacher supplement, we have provided ideas to "reuse" the newsletter for daily instruction, journal writing prompts, an extension activity, and teacher keys for the activities found in the newsletter.

The text in the newsletter correlates to the California State Board of Education Content Standards for third through fifth grades for English/Language Arts. The activity included in this supplement also correlates to the standards.

As always, we welcome your comments and suggestions on all of our programs.

Skills and Standards

Activity	Subject Area	Skills Addressed
Newsletter Text	English/Language Arts	Reading and comprehending nonfiction, informational text; Applying context clues to determine meaning of unknown words; Determining meaning of content-specific words and phrases in nonfiction text Grade 3: RI.3.2; RI.3.4; RI.3.7; L.3.4; L.3.6 Grade 4: RI.4.2; RI.4.4; RI.4.7; L.4.4; L.4.6 Grade 5: RI.5.2; RI.5.4; L.5.4; L.5.6
Puzzling Clues	Math	Making sense of problems and seeking entry points to a solution; Modeling with mathematics; Using appropriate tools strategically; Making precise calculations; Checking the validity of results in the context of the problem Grade 3: 3.OA.8; 3.MD.3 Grade 4: 4.OA.2; 4.OA.3; 4.MD.2 Grade 5: 5.OA; 5.MD.2



Monterey Regional Waste Management District

14201 Del Monte Blvd., Marina, CA 93933
 831-384-5313 | www.mrwmd.org



Reuse Ideas

Math

- According to the American Forest & Paper Association, Americans used 78,206,389 tons of paper and cardboard during 2014. Round 78,206,389 to the thousands place.
- Americans recycled 51,171,438 tons of paper during 2014. Round 51,171,438 to the hundred thousands place.
- Provide “Puzzling Clues” (see activity on next page) to your students. After they complete the activity, ask them this question: How much money did the five scouts raise? Write that number in word form.
- If Skylar’s grandmother was born in 1951, how old was she in 1970?
- Write 1970 in expanded form.

English/Language Arts

- Underline a declarative sentence in the newsletter.
- Circle a phone number in the newsletter.
- Fix the spelling errors in this sentence.
He pulld wedes from his families gardan.
- Write these words in ABC (alphabetical) order:
recycling raising recovery reason
read river recreation run
- Find and circle a word that is a synonym of *gathered*.

Science

- Select the term that doesn’t belong:
gravity evaporation motion speed
- Complete this analogy: aluminum : can :: _____ : jar
- Fill in the blank: Rivers flow toward an _____ or a terminal lake.
- What type of scientist might study organisms that live in the ocean?
botanist meteorologist marine biologist

Social Studies

- Who was President of the United States in 1970?
- Was there a presidential election in 1970?
- How many people took part in the first Earth Day?
- U.S. Senator Gaylord Nelson proposed the first Earth Day in 1970. He was a Senator from Wisconsin. Find Wisconsin on a map.
- Does a U.S. Senator serve in the executive, judicial, or legislative branch of the federal government?



Journal Writing Prompts

An old proverb states: “Use it up, wear it out, make it do, or do without.” What do you think this means? How might you apply this proverb to your life and your stuff?



Using the letters in the word “biodegradation” make as many words as you can. You can use the letters more than once.



If you could solve any environmental problem, what problem would you solve? How would you solve it?



If your family had a vegetable garden, what would you plant? Why?



List your five favorite things to do outside.



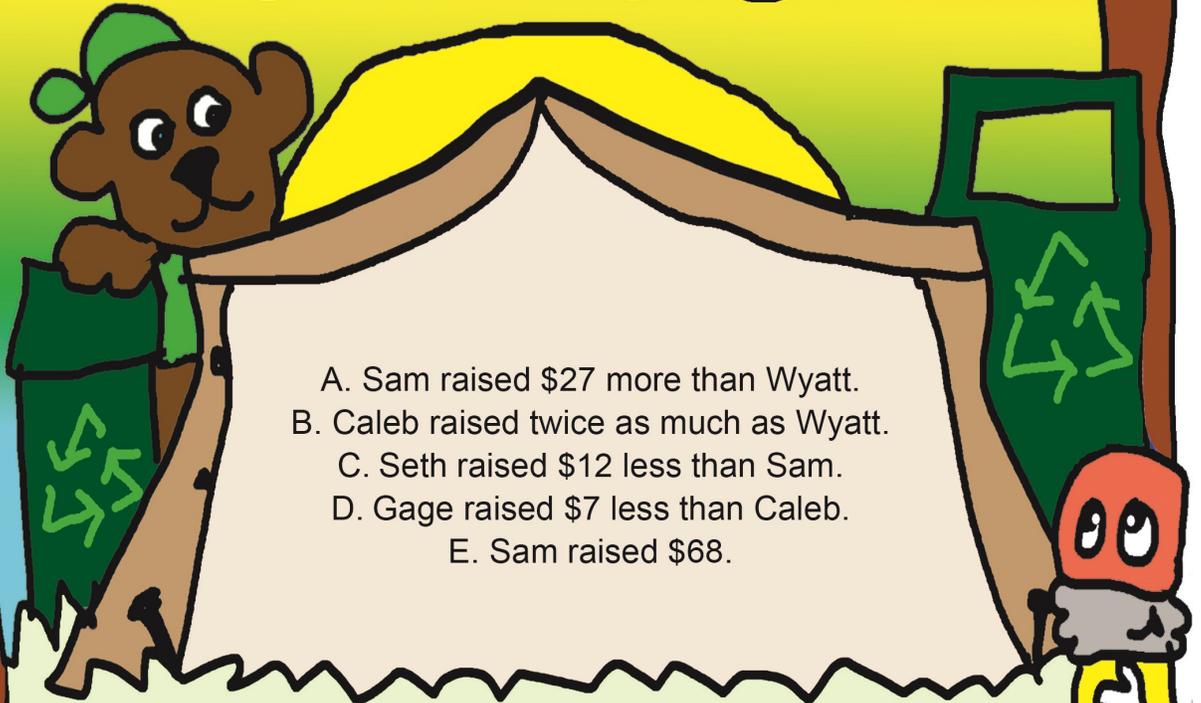
Write a shape poem about Earth Day.



Finish this sentence: *Today on the way to school, I saw...*

Puzzling Clues

Sam's Boy Scout troop is raising money to help build recycling bins for their camping trips. Use the clues below to discover how much money each boy raised.



- A. Sam raised \$27 more than Wyatt.
- B. Caleb raised twice as much as Wyatt.
- C. Seth raised \$12 less than Sam.
- D. Gage raised \$7 less than Caleb.
- E. Sam raised \$68.

Questions:

1. Which clue did you use first? _____

2. Was there any clue you did not use? _____

3. Who raised the most money? _____

4. Who raised the least money? _____

5. How much money did each boy raise? _____

