

TEACHER GUIDE

Trash Talk!

TO: Teachers

FROM: KC Recycling Depot
220 South Union Street • Warsaw, IN 46580
574-372-3087 • educationsource@embarqmail.com • www.kcrecycling.com

DATE: Summer 2011

In the coming weeks, students will have more opportunities to be outdoors, participate in family and neighborhood activities, and help around the house. In this edition of *Trash Talk!*, we explore ways for your students to improve the environment at the same time!

Inside this Teacher Guide, we have provided ideas to “reuse” the newsletter for daily instruction, journal writing prompts for students, and an extension activity. For your convenience, you will find Teacher Keys as well.

Below, refer to this issue’s activities and the corresponding subject areas and skills addressed. We provide this information so that you can incorporate *Trash Talk!* into your daily curriculum.

Activity	Subject Areas	Skills Addressed
Safety Round Up	<i>Math</i> <i>Health & Safety</i>	Rounding whole numbers and decimals Understanding safety and injury-prevention strategies
All in the Analogy	<i>Science</i>	Identifying and comparing properties to create purposeful groupings
Digital Divide	<i>Science</i> <i>Math</i>	Understanding ways in which people interact with technology; Considering how inventions affect individuals and groups Converting percentages to fractions; Reducing fractions to lowest terms
Fraction Action	<i>Math</i>	Organizing a simple data set to answer a question; Multiplying and subtracting with fractions and whole numbers
A Capital Idea	<i>Language Arts</i>	Identifying and correcting capitalization errors related to words that begin sentences, proper nouns, and titles
Turn Back Time	<i>Social Studies</i>	Interpreting the temporal relationship between an event with a fixed historical date and a timeline of technological changes and developments

Please continue to send us your suggestions. We love hearing your great ideas!

Reuse Ideas

Math

- Find the sum: 13,000, 12,655, 11,900, and 12,980.
- Find the difference between 13,700 and 13,370.
- Find the sum: 12,000, 13,700, 12,100, 11,000, 13,370, and 11,450.
- Arrange these fractions from the least to the greatest:
1/3 1/12 1/4 1/6 1/2
- How many years have passed since 1750?

Language Arts

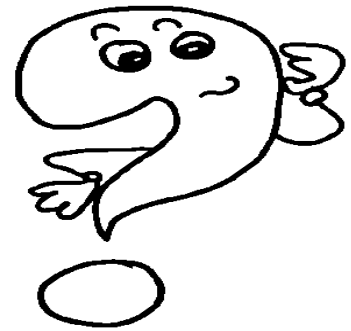
- Using the letters in *Philadelphia*, create as many different words as you can. (pad, lip, etc.)
- Write these words in ABC (alphabetical) order:
collection cleaner chlorine cleaning cell
- Complete these sentences with *are* or *our*:
The students in _____ class _____ hosting a garage sale.
_____ friends _____ selling old video games.
Jamal and his family _____ dropping off furniture.

Science

- Circle the item that does not belong:
poison flammable safe corrosive
- MP3, which is a type of digital audio file, is a generic term used to describe a digital audio _____. (*Answer: player*)

Social Studies

- Name two important events in U.S. history that occurred in Philadelphia.
- Who was the first president of the United States of America? What year did he take office?



Journal Writing Prompts

If you could live at some other time in history, what period of time would you choose and why?

■

What will you do to improve the environment this summer?

■

Describe a perfect summer day. Include your favorite activities and lots of details!

■

List 10 things that are fun to do and don't cost any money. Circle your favorite thing on this list.

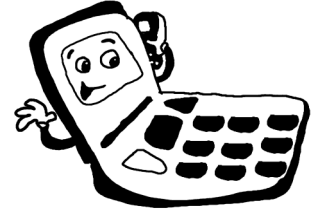
Auto Mistake

Many cell phones use an auto correct feature to fix typing errors in text messages. Most of the time, this feature keeps people from making careless mistakes, such as changing “dobe” to “done” or “thanj” to “thanks.” However, sometimes auto correct fixes words that are correct and creates mistakes, such as turning a name like “Bobbie” into “Bobbing.” Deciphering auto correct mistakes helps your students practice their contextual reading skills. Copy the blackline master, making one copy for each student, pair, or group. [*Answers: Bobbie; p.m.; got; Mockingjay; Katniss; Hardee’s.*]

Auto Mistake

Name: _____

The "auto correct" feature on cell phones fixes many possible errors in text messages. However, auto correct often doesn't understand slang or proper nouns, which results in some funny "auto mistakes." Read the conversation below. Using the context, try to fix the auto correct mistakes.



Bobbing, my dad will be at your house at 7 on.

OK. Bobbing? At 7 or after?

I meant _____!
And at 7 _____.

For it!

Huh?

I meant _____ it!

Did you finish reading The Mockingly?

Uh...no, I haven't finished The Mocking_____ yet. Have you?

Haha...that's what I meant. No, I'm not done yet. How far are you?

Khaki is in the Capital.

My dad says we are going to eat at Hardness.

Not khaki! _____!

Me too! See you later.

You mean _____? I love the burgers there!

Teacher Keys

Fraction Action

Paint: $12 \times \frac{1}{3} = 4$
 Motor Oil: $12 \times \frac{1}{4} = 3$
 Kerosene: $12 \times \frac{1}{6} = 2$
 Household Cleaner: $12 \times \frac{1}{6} = 2$
 Weed and Bug Killer: $12 \times \frac{1}{12} = 1$



Turn Back Time

D: The President of the United States recognized Philadelphia's street-cleaning service in his weekly address to the nation and thanked Franklin. (*The first President of the United States, George Washington, did not take office until 39 years late, in 1789.*)

All in the Analogy

Tires are to running tracks as **steel** is to appliances.

••

Poison is to antifreeze as **flammable** is to spray paint.

••

Department store is to garage sale as **new** is to secondhand.

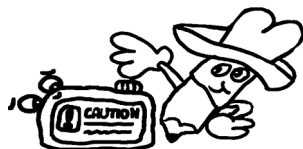
••

Chlorine is to swimming pool as detergent is to **laundry** or **dishes** (or washing machine, dishwasher).



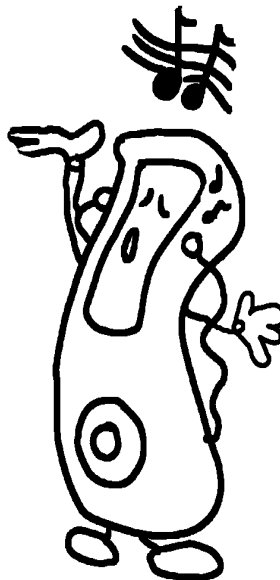
Safety Round Up

O:	13,366	13,370
W:	11,452	11,450
E:	12,978	12,980
F:	11,888	11,900
L:	12,123	12,100
O:	13,702	13,700
S:	12,655	13,000
F:	11,999	12,000
L:	11,111	11,000
A:	12,655.3	12,655



Be **safe!** Read and **follow** all label instructions.

Digital Divide



- 33%
Fraction: 33/100
Shade: 33 of 100
- 40%
Fraction: 40/100
Lowest Terms: 2/5
Shade: 4 of 10
- 75%
Fraction: 74/100
Lowest Terms: 37/50
Shade: 37 of 50
- 34%
Fraction: 34/100
Lowest Terms: 17/50
Shade: 17 of 50

Brianna and Gabi are looking forward to summer vacation.



Brianna wants to sell her Nintendo DS.

They are planning to host a garage sale on June 11 to earn some money.

Gabi hopes to sell Barbie dolls she doesn't play with anymore.