TEACHER GUIDE

Trash Talk!

TO: Teachers

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In this edition of *Trash Talk!,* we look forward to Earth Day in April. 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, we provide information about this issue's activities so that you can incorporate *Trash Talk!* into your daily curriculum.

Activity	Subject Areas	Skills Addressed
Order, Order!	*Language Arts*	Using textual clues to determine the order of multi-step instructions; Revising writing by moving sentences to improve the focus and progression of ideas
Remember When?	*Social Studies*	Identifying and understanding important events that changed people's lives and culture
	Math	Multiplying and dividing with whole numbers; Understanding place value
Sort It Out	*Science*	Understanding how natural resources are used and recycled in manufactured products; Determining the meaning of domain-specific terms
Divide & Conquer	*Math*	Solving a two-step word problem; Dividing with whole numbers; Using factor pairs for whole numbers up to 100
The Right Word	*Language Arts*	Choosing appropriate vocabulary based on knowledge of homophones (words that sound the same but have different meanings and spellings)
Supplying the Demand	*Social Studies*	Understanding how buyers and sellers interact to determine the price of goods in the market
Do You See Me Now?	*Science*	Understanding how natural resources become diverse manufactured products; Determining the meaning of domain-specific terms

Reuse Ideas

Math

- Write 75% as a fraction.
- If Christopher's grandfather was born in 1946, what birthday did he celebrate in 1970?
- Using your age as the answer, create a number sentence using multiplication or division. (For example, if you were 10, you might create this number sentence: 2 x 5 = _____.)
- Circle the numbers that are NOT evenly divisible by 6:
  10, 18, 21, 24, 30, 32, 42, 52

Language Arts

- Rewrite this sentence to correct the errors:
  my muther telled me too put the waist in the trash can
- Make each of these words plural:
  box can bottle shelf bicycle
- Write these words in ABC (alphabetical) order:
  going gloves ground green go
- Circle the word that is NOT a synonym for *sort*:
  organize scatter group arrange
- Use each of these words in a sentence:
  waste waist way weigh

Science

- Many of the parts on a bicycle are made from aluminum. Name two parts that are NOT made from aluminum.
- Cross out the item that doesn't belong:
  Newspaper Magazine Glass jar Cardboard box

Social Studies

- In 1970, Kermit the Frog sang "Bein' Green," which begins with the line, "It's not easy bein' green." What children's television show featured Kermit the Frog?
- Did the first Earth Day take place before or after the Apollo 11 moon landing?

Journal Writing Prompts

Will you be celebrating Earth Day? If so, how?

■

List three things you can do to make recycling easier for your family.

■

What would happen if you threw a piece of trash onto the ground? What if everyone did?

■

What if there had never been an Earth Day? What would be different?

■

Make a list of 15 things that you can see, hear, or smell right now. Use at least five of those in a poem.

Super Slogans

Woodsy Owl, the mascot for the United States Forest Service, has a motto: "Lend a Hand — Care for the Land!" You might also remember Woodsy Owl's old motto, "Give a Hoot — Don't Pollute!" A good slogan is simple and easy to remember. Have your students create slogans about Earth Day. Then ask them to put the slogan and related art on the billboard. Make a copy of the master for each student or group.

Super Slogans

Instructions: Woodsy Owl, the mascot for the United States Forest Service, has a motto: "Lend a Hand — Care for the Land!" (Woodsy Owl's old motto was "Give a Hoot — Don't Pollute!") A good slogan is simple and easy to remember. Create a slogan about Earth Day. Put your slogan inside the billboard frame below. Illustrate your billboard, too!

Teacher Keys

What percentage of aluminum ever produced is still being recycled and turned into new products?

30 + 45 = **75%**

How many days does it take for a recycled can to be made into a new can and put back on the store shelf?

6 + 12 +18 + 24 = **60 days**

Supplying the Demand

The price is likely to ***INCREASE***.

The Right Word

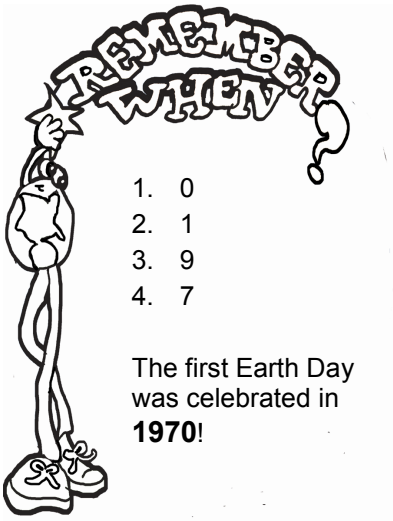
1. **waste**
2. **waist**
3. **weigh**
4. **way**

Do You See Me Now?

1. **Pop can (smallest)**
2. **Foil baking pan**
3. **Bicycle**
4. **Rail car (largest)**

SORT IT OUT

2-liter bottle: **A1**	Sports drink bottle: **A1**
Milk jug: **B1**	Teen magazine: **A3**
Shipping box: **C2**	Soup can: **B2**
Green bean can: **B2**	Tissue box: **B3**
Notebook paper: **C3**	Juice drink can: **A2**
Cola can: **A2**	Junk mail: **C3**
Cereal box: **B3**	Pickle jar: **C1**
Spaghetti sauce jar: **C1**	Refrigerator box: **C2**
Sunday newspaper: **C3**	Clothing catalog: **A3**
Laundry detergent jug: **B1**	Sports magazine: **A3**



1. 0
2. 1
3. 9
4. 7

The first Earth Day was celebrated in **1970**!

4 Put on your gloves before going outside.

9 Take your full recycling bucket and your litter bag to the bins outside Door #7.

10 Remove your gloves and wash your hands.

8 Tie your litter bag shut.

6 Outside Door #5, pick up a bucket for recycling.

3 After the bell, pick up your gloves and bag in the Media Center.

7 Place recyclables, such as water bottles and pop cans, into the bucket, and put trash into the bag.

11 Before you go home, stop in the lunchroom for a snack and drink.

1 Give your permission slip to your classroom teacher at least one day before the cleanup.

5 Exit Door #5 to the playground.

2 Wear tennis shoes on the day of the cleanup.