

TEACHER GUIDE

3-5 coloring & activity worksheet



FLORIDA SUNSHINE STATE STANDARDS



The “Proud to Recycle” coloring and activity worksheet is recommended for grades 3-5.

The activities are keyed to the Florida State Sunshine Standards for language arts and science:

LA.3-5.5.2.1: Recalls, interprets, and summarizes information presented orally.

LA.3-5.1.6.1: Uses new vocabulary that is introduced and taught directly.

LA.3-5.1.6.3: Uses context clues to determine meanings of unfamiliar words.

LA.3-5.1.7.1: Identifies a text’s features and uses them to make and confirm predictions.

SC.4.L.17.4: Big Idea 17 Interdependence—Recognizes ways humans impact the environment.

Proud to Recycle was developed for Pinellas County Utilities Solid Waste Operations staff to use in classroom presentations to encourage students to recycle.

Educators (teachers, parents, etc.) are welcome to use this worksheet. For side 1 with the recycling check boxes, you can tell students which items are recycled locally. A better method is to have the students research the information using the 2009 Pinellas County Recycling Directory pgs. 6-13. Students can view the directory at www.pinellascounty.org/recycle. To request copies of the directory, call 464-7500 or e-mail recycle@pinellascounty.org. Please ask students to take the worksheet home to discuss recycling with their families. If possible, send home a copy of the Recycling Directory with each student.

Both sides of the worksheet have pictures to color. For side 2, the purpose of “What Am I?” is to make recycling real so a student connects









“aluminum” with the Coke he drank yesterday. You can show examples of the items or ask students to bring samples into the classroom.

The trickiest item is “mixed paper” since most students won’t associate the Cereal Box Recycle Guy with paper. Tell students they can recycle paperboard—including cereal boxes, empty paper towel rolls, shoe boxes, etc.—with their mixed paper. If they are confused about paperboard vs. cardboard, paperboard has one layer and cardboard has three layers (including a wavy middle layer). For “recycling at home”, students should write specific examples of items they use at home such as for “steel” they might write “soup can”.

Your students can learn more about recycling with fun games, puzzles, and music at **Just for Kids:** www.pinellascounty.org/utilities/kids

SEE REVERSE FOR WORKSHEET ANSWERS >>>

ANSWER KEY:

	Item	Examples	Description
 1	aluminum can	drinks such as Coke, Pepsi, or V-8	The difference between aluminum and steel cans is that aluminum is lighter, crushable with your hand, and doesn't stick to a magnet.
 2	plastic bottles	milk, soda, juice, detergent, ketchup	To recycle, the container must be a BOTTLE with a "neck" (opening smaller than the body); no butter tubs or yogurt containers.
 3	cardboard box	computer or refrigerator box	Corrugated cardboard has 3 layers including a wavy middle layer called fluting, while paperboard is thinner with only one layer.
 4	steel can	wet foods such as vegetables, soup, or fruit	Also called "tin" cans. These cans will stick to a magnet and are much heavier than aluminum (can't be crushed easily).
 5	glass bottle or jar	apple juice, wine, peanuts, baby food	Glass bottles and jars comes in different colors: clear, brown, and green.
 6	mixed paper	notebook paper	Mixed paper includes any clean, dry paper that tears, such as colored paper, junk mail, folders, notecards, etc.
 7	yard waste	leaves, branches, grass clippings	Yard waste is collected from raking leaves, trimming trees, and cleaning up one's yard. These materials can be ground up, sterilized, and recycled into mulch.
 8	mixed paper	cereal box	Mixed paper includes paperboard items such as cereal, cracker, shoe boxes, toilet paper and paper towel rolls.

FOLLOW-UP ACTIVITIES:

1. Try some of the recycling activities at the **Just for Kids Web site** www.pinellascounty.org/utilities/kids. You can print worksheet pages (such as a crossword puzzle) from the Recycling Activity Book at www.pinellascounty.org/utilities/teachers/worksheets.htm. If you prefer, you can request hard copies of the book (call 464-7500 or email recycle@pinellascounty.org). The Web site also has recycling songs you can download and links to recycling games.
2. Use "One Person's Trash...Your Guide to Reducing, Reusing, and Recycling" **newsletter** as a classroom activity (includes a teacher guide keyed to the Sunshine State Standards): www.pinellascounty.org/utilities/teachers/newsletters.htm
3. Invite a **speaker** from Pinellas County Utilities to talk with your class about recycling: www.pinellascounty.org/utilities/teachers/speakers.htm
4. Watch the 13-minute **video** "No Such Place As Away" to find out where our trash goes: www.pinellascounty.org/utilities/teachers/audiovisual.htm
5. **Tour** Solid Waste Operations (Waste-to-Energy facility and landfill) or the Clearwater recycling facility: www.pinellascounty.org/utilities/teachers/tours.htm
6. Arrange for your students to **watch paper recycling in action** at your school. Talk with the Head Plant Operator to find out who empties the paper bin in your classroom and where it goes from there. Typically the small classroom bins are emptied into a larger rolling cart in the hallway, which is emptied into an outside metal bin, which is periodically serviced by a recycling truck. Your students would enjoy seeing this, especially the big recycling truck! Perhaps they could take turns emptying your classroom bin also?

