

ACPS is Going GREEN!



ACPS School Board: Strategic Plan



- **GOAL 5B: To ensure that conditions of the district's infrastructure foster and promote environmental stewardship.**
- The district will ensure that 100% of all SBAC facilities implement a recycling program
- 2 years

Florida State Statute



- Legislative mandate of:
- 75% recycling rate by the year 2020
- Alachua County is in 1st place for the third year in a row
- Currently recycling at 55%

Alachua County Office of Waste Alternatives School Waste Audit



- Results from the “one day” waste audit for participating schools is located on the ACPS website at the following link:
[http://www.sbac.edu/files/_rMHTX_/6663a08e8c86ac793745a49013852ec4/Waste Audit Report Final 2013.pdf](http://www.sbac.edu/files/_rMHTX_/6663a08e8c86ac793745a49013852ec4/Waste%20Audit%20Report%20Final%20013.pdf)

School Waste Stream Sampling Audit

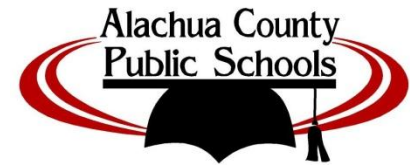
- Special thanks to ACPS custodians for all their hard work to assist with the processing of waste to get it bagged, labeled, and loaded on special trailers at the following schools:
 - Archer Elementary
 - Shell Elementary
 - Irby Elementary
 - Glen Springs Elementary
 - Oak View Middle
 - Westwood Middle
 - Gainesville High School
 - Santa Fe High School

ACPS Pilot Recycling Programs

- Two schools participated
- Advised team what worked better
- Told us what did not work well
- Gained needed information about illegal dumping

RESULTS:

- Know it will be challenging at first
- Listened to issues they encountered
- Found out the dumpsters are not full when dumped
- Found we are paying to throw away air



2013 Pilot Recycling Program Gainesville High School



GHS real-time data...

- 3 dumpsters times 8 cubic yards per dumpster a day of garbage equals 24 cubic yards daily
- 24 cubic yards times 5 daily pick ups equals 120 cubic yards per week
- A 45' Semi-Trailer is equal to 120 cubic yards



2013 Pilot Recycling Program Glen Springs Elementary



Pilot program - Dumpsters

Needed better identification for recycling program



Inside the recycle dumpster....



Do not leave in bags



Delivery Schedule

- Each school was requested to save their 5 gallon buckets for recycling buckets. The Teacher's Lab has large stickers that can be put on them at a cost of about 60 cents each depending on quantity.
- 2,000 green classroom waste receptacles were delivered during the weeks of September 1st through September 30th, 2013
- Tilt trucks were assembled, labeled, and delivered by September 20th, 2013
- Food Service provided kitchens with green 32 gallon cans with dollies which were delivered between September 1st through September 15th, 2013
- Carton Council grant funded cafeterias with green 32 gallons cans which were delivered between September 25th through October 15th, 2013
- Green recycling dumpsters were placed during the weeks of September 1st through October 15th, 2013
- Additional posters and stickers are available from the Teacher's Lab

Receptacles available in 3 sizes - shown for classroom/office use

small for elementary

28 quart = 7 gallon

65401.028



large for middle and high school

41 quart = 10.25 gallon

65401.041

Large green bin for additional usages

art rooms, gyms, locker rooms,
after school programs



extra large capacity 14 gallon

65401.014

32 gallon receptacles in Cafeterias * and Kitchens



32 gallon can

65401.032

***Wheels ordered separately**

65401.050

Because we know there are difficult building layouts.....



Large Utility Trucks have been provided to assist moving refuse and recyclables around ACPS sites



Special thanks to ACPS Warehouse personnel for a great job assembling, labeling and distributing all the ACPS recycling program supplies.

No more separate dumpsters for paper and cardboard!



New GREEN Recycle Dumpsters
When all recyclables go into one container,
it is called a Single Stream Recycling program.



paper
cardboard
plastics
bottles
cans

Introduction video and discussion:

It is important to recycle for a number of reasons and this video shows a few of them.

- Please review the video link to inspire you, it shows how garbage fills the landscape in another country.
- Recycling and Music
- <http://www.upworthy.com/watch-the-first-54-seconds-that-s-all-i-ask-you-ll-be-hooked-after-that-i-swear?c=ufb1>

What goes into the GREEN bin?

 **ACPS is Going GREEN**
Please Recycle!!



-  **Office & Mixed Paper**
- Magazines**
- Catalogs**
- Soft Bound Books**

-  **Newspapers**
- Shredded Paper**
- Junk Mail**
- Telephone Books**

-  **Juice Pouches**
- Milk & Juice Cartons**
- Fiber Board (Cereal Boxes, tissue boxes, etc.)**
- Cardboard (Flattened)**

-  **Glass bottles and jars (clear, brown or green)**
- Aluminum Cans & Foil**
- Small steel items**
- Tin & Steel food cans**
- Plastics labeled #1-7**



 **Reduce ~ Reuse ~ Recycle** 

REPUBLIC SERVICES
RECYCLING CENTER

GREEN Recycle

BLUE Garbage



\$10 per pick up*

*exact cost is \$9.99

\$20 per pick up*

* exact cost is \$19.34

What goes into the **BLUE** bin?

Alachua County Public Schools
These items must not go into the recycling containers



The image displays a variety of items that are prohibited from being placed in recycling bins. These items include:

- Food waste: a sandwich, a slice of pizza, a banana, an apple core, a cookie, and a piece of bread.
- Plastic items: a white styrofoam container, a black metal tray, a white plastic cup, a white plastic bottle, a blue plastic bag, and a brown paper bag.
- Paper products: a roll of white paper towels, a piece of white paper, and a piece of brown paper.
- Other items: a black paper towel dispenser, a set of colorful markers, a set of colorful pens, and a clear plastic bottle with a red cap and a red slash through it, labeled "NO LIQUIDS".

Garbage 

ACPS Food Service Whack & Stack Program

ACPS Thermocompaction System

Goal: To eliminate all non-biodegradable polystyrene waste which currently accounts for 15% of all material in US landfills.



- Cafeteria Whack & Stack Lunch Tray Program
- Fast Food Packaging
- Electronics' Styrofoam Packaging



What does it become?



REUSE



Milk Carton Recycling

ACPS uses approximately 3 million* milk cartons a year

*Information provided by ACPS Food Service



Really?

Single Stream Recycling

- How does it happen?
- Coming soon a video tour of the MREF Recycling Plant in Jacksonville
- To plan a field trip to visit Jacksonville plant contact:
Ms. Tiffany Williams
Republic Services Recycling Center
904-999-3033

ART from Trash Contest Transformations 2013

- 15th annual student recycled art competition sponsored by Alachua County Board of County Commissioners, Office of Waste Alternatives and the Florida Museum of Natural History
- Website:
<http://alachuacounty.us/Depts/PW/Waste/wasteAlternatives/Pages/Trashformations.aspx>
- Application is located at:
<http://alachuacounty.us/Depts/PW/Waste/wasteAlternatives/Documents/Trashformation%20APP%20Flier%202012%20final.pdf>

For Sporting or Special Events

requiring extra recycling containers call:



Alachua County

Office of Waste Alternatives

Patrick Irby at 352-548-1285

<http://alachuacounty.us/Depts/PW/Waste/wasteAlternatives/educationalPrograms/Pages/EducationalPrograms.aspx>

ACOWA sets up temporary receptacles – custodians empty – then they pick them up



What is the size of your footprint?

<http://www.earthday.org/footprint-calculator>

<http://www.myfootprint.org/>

<http://www.facingthefuture.org/ForEducators/EducatorsHome/tabid/67/Default.aspx>

Watch the video to see how *Facing the Future* curriculum engages students in the classroom.

Is your school interested in making a ACPS Recycling Poster or Video?

- For up to date solar, recycling, and energy conservation information please follow this link

http://www.sbac.edu/pages/ACPS/Departments_Programs/DepartmentsAF/D_thru_F/FacilitiesMainConstr/Energy_Conservation

- For more information and questions, please contact:
Theresa Spurling-Wood, LEED AP, CIE
spurlita@gm.sbac.edu