

School Recycling Program Training

August 28, 2014

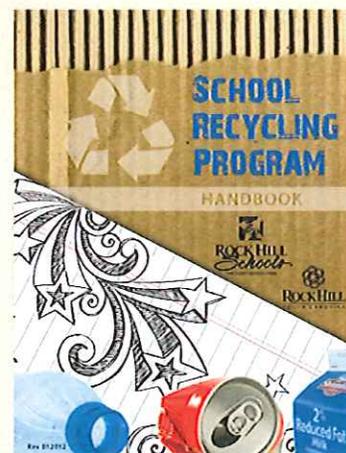


Welcome and Introductions



Materials

- Handbook
- Upcoming Events
- Contact Sheet



GET READY...

- **Build a Team**

- Green Teams
 - ✦ Representatives from all school sectors
- Classes
- Clubs and Organizations



GET READY...

- **Collecting Recycling**

- Green Teams Should...
 - ✦ Make a Plan
 - ✦ Make a Schedule

- **Monitoring Recycling**

- Green Teams Should...
 - ✦ Help keep contamination low
 - ✦ Help with cafeteria recycling

- **Recycling Education**

- Green Teams Should
 - ✦ Be ready to answer questions
 - ✦ Have a way to find out answers



GET SET...

- **Location**
 - Keep containers near to where recyclables are generated
 - Consider larger bins for high volume areas
- **Labels**
 - Get creative!
- **Record Keeping**
 - City is keeping school wide records
 - Consider class or grade level competitions
 - Set goals



Go!

- **Communicate and Educate**
 - **Students**
 - ✦ Hands on participation
 - ✦ Cross Curriculum Involvement
 - **Faculty and Staff**
 - ✦ Recognize exemplary teachers
 - ✦ Reminders
 - **Everyone Else**
 - ✦ Remind parents
 - ✦ Educate visitors



WHERE



- Collection

- Make sure blue roll carts are outside on collection day for pick up
- No recyclables in bags, except shredded paper
 - × Cintas
- Make sure bins and dumpsters are not blocked by vehicles or objects



REWARD THE “DOERS”



- Reward and Recognize

- Incentives
- Contests
- Green Team t-shirts
- Certificates

WHAT *can be recycled?*

The most common items recycled at schools are paper, aluminum cans, plastic soft drink and milk bottles, milk cartons, office and notebook paper, cardboard and chipboard.

COMMINGLED

If you can TEAR it we can TAKE it!
Remove food and liquid from all recyclables.
Remove all lids and place in bin.

<p>Classroom Paper (all colors)</p> <p>Office Paper</p> <p>Newsprint</p> <p>Construction Paper</p> <p>Mail</p> <p>Magazines/Catalogs</p>	<p>Plastics</p> <p>Aluminum Cans & Foil</p> <p>Steel Cans</p> <p>Chipboard</p> <p>Glass (all colors)</p> <p>Cartons</p> <p>Composite Cans</p> <p>**NO Styrofoam**</p>
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These recyclables get emptied into the **BLUE** Roll Carts



CARDBOARD

Corrugated Cardboard
(must break down)

These recyclables get emptied into the **RED** Dumpster



WHAT *can be recycled?*

COMMINGLED

Remove food and liquid from all recyclables -
Remove all lids and place in Commingled Bins

Commingled Bins get emptied into the **Blue** Roll Carts



WHAT *can be recycled?*

PAPER/CARDBOARD

Break down and flatten corrugated cardboard and place in **RED** Dumpster



These items
CANNOT BE RECYCLED

These items cannot be recycled:
Plastic forks, spoons, knives
Paper towels
Napkins
Styrofoam

Recycle plants: always keep it green & alive!



HOW

- Green Team Students/Classes
- Staff
- Classroom/Offices/Work Rooms
 - Commingled bins
 - Removed on a weekly schedule
- Cafeteria
 - Blue commingled roll carts
 - Remove food and liquids!
 - Green Team and staff monitor
 - Staff to recycle from kitchen area



WHERE

- Delivered to Pratt Recycling in Rock Hill
- Separated and sent to markets
- Only place accepted material in bins



WHO

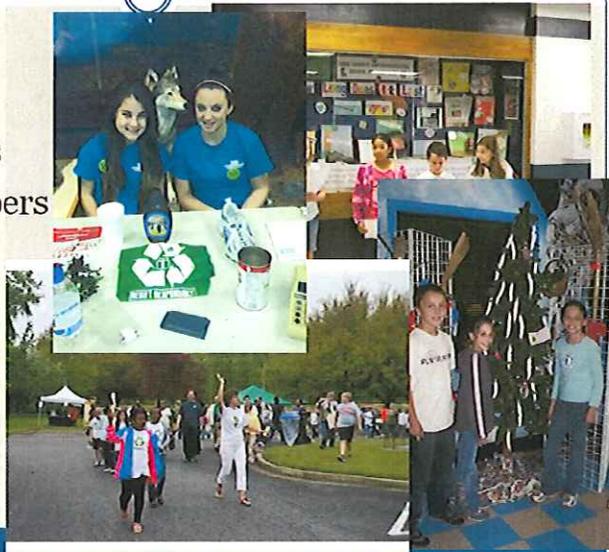
- Roles and Responsibilities

- Recycling Coordinator
- Principal
- Custodian
- Cafeteria
- Teachers
- Students
- Our eyes and ears



STUDENT IDEAS

- Posters
- Signs
- Announcements
- School Newspapers
- Clubs
- Fairs
- Displays
- Public Events



Appendices

- A: Fact Sheet
- B: Program Design Sheet
- C: Sample Announcements
- D: Sample Cafeteria Announcements
- E: Sample Letter to Parents
- F: Sample Notice
- G: Sample Letter to Outside Organization

Glossary

- Helpful terms and definitions



What's New....



- All material except cardboard goes in the blue roll cart



- Only Cardboard goes in the red dumpster



- Want to take a tour of Pratt?

Call 803-329-7027

Or email elizabeth.morgan@cityofrockhill.com



**Green
Rocks!**

**The Rock Hill Schools
Sustainability Initiative**

**Presented to the Recycle Rally
August 28, 2014**

heraldonline.com

**Schools
adopt a
greener
policyEZ**

Rock Hill district 1st in S.C.
with sustainability program

- Energy and water conservation and management.
- Solid waste minimization through reduction, re-use and recycling.
- Efficient and healthy design and construction of school buildings and grounds.
- Conservation of natural resources through low-impact grounds maintenance and land use.
- O & M of transportation fleet & promotion of alternative transportation to and from school in a manner which helps prevent air pollution.
- Environmentally responsible purchasing of products and services.

“We are” ENERGY STAR! :

- ENERGY STAR Partner
- First “STARS” in the state:
 - ✓ Elementary School
 - ✓ Middle School
 - ✓ High School
- Seventh office building in the state
 - ✓ District Office
- 70% of all sites are now labeled



Green Cleaning Certification

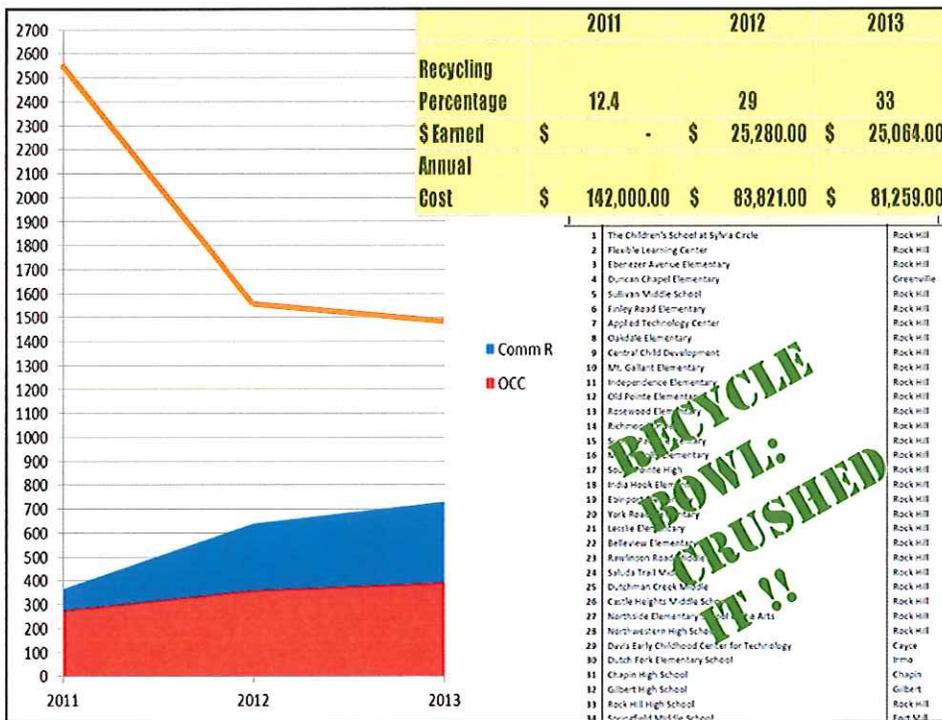
CIMS – What Is It?



- Management framework designed to assist cleaning organizations develop and maintain quality, customer-focused organizations
- Based on universally-accepted management principles that are hallmarks of success
- **CIMS-Green Building:** Set of environmental preferability criteria to serve as framework for development of comprehensive green/sustainable cleaning program



Results



Annual Report 2013 – Recycling Results: Elementary

Facility	TONS					RECYCLING PERCENTAGE	POUNDS PER STUDENT	\$ EARNED 2013
	MSW	COMMINGLED RECYCLABLES	OCC REC	Recycling Total	Total Waste			
Oskdale Elementary	20.90	20.95	12.55	33.50	54.40	62%	165.0	\$834.33
ParentSmart & Central Child Development Center	8.14	5.24	6.39	11.63	19.77	59%	58.7	\$409.99
India Hook Elementary	25.41	22.64	9.98	32.62	58.03	56%	107.0	\$703.69
Finley Road Elementary	27.94	15.40	15.10	30.50	58.44	52%	152.9	\$1,017.56
Ebinport Elementary	33.88	25.26	9.59	34.85	68.73	51%	113.1	\$678.34
Ebenezer Ave. Elementary	23.65	8.83	13.50	22.33	45.98	49%	143.1	\$882.53
Mt. Gallant Elementary	31.35	18.10	11.35	29.45	60.80	48%	128.6	\$753.26
Richmond Drive Elementary	33.55	17.53	10.40	27.93	61.48	45%	93.7	\$691.03
The Children's School at Sylvia Circle	26.29	9.97	10.26	20.23	46.52	43%	110.8	\$704.32
Independence Elementary	51.04	15.92	14.50	30.42	81.46	37%	111.2	\$936.25
Sunset Park Elementary	28.60	5.54	11.28	16.82	45.42	37%	73.3	\$723.48
Bellevue Elementary	41.35	12.35	10.26	22.61	63.97	35%	100.9	\$692.16
York Road Elementary	29.70	7.09	9.16	16.25	45.95	35%	89.8	\$595.24
Mt. Holly Elementary	36.41	9.10	7.39	16.49	52.90	31%	67.2	\$437.85
Old Pointe Elementary	39.81	0.64	14.35	14.99	54.80	27%	51.6	\$335.66
Lesslie Elementary	34.43	4.92	7.97	12.89	47.32	27%	69.9	\$638.44
Rosewood Elementary	67.42	8.06	13.40	21.46	88.88	24%	70.9	\$884.78
Northside Elementary	50.60	6.28	9.12	15.40	66.00	23%	58.0	\$582.88
TOTAL	610.48	213.82	196.55	410.37	1020.85	41%	98.1	\$13,051.79

KEY:
 MSW = Municipal Solid Waste (Garbage)
 Commingled Rec = All recyclables except corrugated cardboard
 OCC REC = Corrugated Cardboard
 Recycling Percentage = $\frac{\text{Commingled Rec} + \text{OCC Rec}}{\text{MSW} + \text{Commingled Rec} + \text{OCC Rec}}$

Annual Report 2013 – Recycling Results: Secondary & Office

Facility	TONS					RECYCLING PERCENTAGE	POUNDS PER STUDENT	\$ EARNED 2013
	MSW	COMMINGLED RECYCLABLES	OCC REC	Recycling Total	Total Waste			
South Pointe High	105.82	14.50	37.08	51.58	157.40	33%	76.3	\$2,284.06
Applied Technology Center	31.13	4.96	8.91	13.87	45.00	31%	92.5	\$572.51
Flex Learning Center	39.16	4.03	8.67	12.70	51.86	24%	127.0	\$574.40
Rock Hill High	167.20	8.34	26.85	35.19	202.39	17%	35.2	\$1,135.14
Northwestern High	141.73	9.89	22.25	32.14	173.87	18%	35.5	\$1,419.08
High School TOTAL	465.04	41.72	103.76	145.48	630.52	25%	73.3	\$5,985.19
Sullivan Middle	43.45	15.77	18.55	34.32	77.77	44%	83.5	\$1,251.64
Dutchman Creek Middle	68.31	14.18	13.80	27.98	96.29	29%	61.9	\$653.53
Castle Heights Middle	65.78	13.53	11.35	24.88	90.66	27%	63.8	\$686.18
Saluda Trail Middle	63.80	9.10	14.17	23.27	87.07	27%	59.9	\$922.88
Rawlinson Road Middle	65.67	11.75	10.82	22.57	88.24	26%	74.1	\$725.72
Middle School TOTAL	307.01	64.33	68.69	133.02	440.03	31%	68.6	\$4,439.95
Facilities Services Department	21.67	6.96	11.89	18.85	40.52	47%		\$803.07
Transportation Department	9.35	3.09	4.21	7.30	16.65	44%		\$276.72
District Office	25.30	4.34	7.85	12.19	37.49	33%		\$465.50
District Stadium-211 Cherry Road	12.16	1.42	0.00	1.42	13.58	10%		\$8.33
District Stadium South	20.24	1.31	0.00	1.31	21.55	6%		\$3.30
Offices Total	88.72	17.12	23.95	41.07	129.79	28%		\$1,586.92
GRAND TOTAL	1491.25	336.99	392.95	729.94	2221.19	33%	80.6	\$25,063.83

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Spring 2014 – Recycling Results: Elementary

Facility	TONS					RECYCLING PERCENTAGE	POUNDS PER STUDENT	\$ EARNED 2013
	MSW	COMMINGLED RECYCLABLES	OCC REC	Recycling Total	Total Waste			
India Hook Elementary	10.67	11.41	7.20	18.61	29.28	64%	61.0	\$505.50
ParentSmart & Central Child Development Center	3.85	2.57	3.80	6.37	10.22	62%	32.2	\$262.50
Oakdale Elementary	13.20	9.78	8.60	18.38	31.58	58%	90.5	\$587.00
Richmond Drive Elementary	14.45	11.40	4.50	15.90	30.35	52%	53.4	\$311.50
Finley Road Elementary	13.86	7.39	6.24	13.63	27.49	50%	68.3	\$445.10
Mt. Gallant Elementary	14.08	9.38	5.40	14.78	28.86	51%	64.5	\$382.50
Ebinport Elementary	18.26	13.32	5.50	18.82	37.08	51%	61.1	\$392.50
Ebenezer Ave. Elementary	12.98	4.27	7.90	12.17	25.15	48%	78.0	\$560.50
The Children's School at Sylvia Circle	13.20	5.09	5.80	10.89	24.09	45%	59.7	\$403.00
Belleview Elementary	19.91	7.28	6.80	14.08	33.99	41%	62.9	\$477.50
Independence Elementary	22.99	8.32	7.70	16.02	39.01	41%	58.6	\$533.50
Lesslie Elementary	18.04	5.63	4.80	10.43	28.47	37%	56.5	\$352.00
Sunset Park Elementary	15.07	2.03	6.30	8.33	23.40	36%	36.3	\$445.00
Mt. Holly Elementary	17.05	4.47	4.66	9.13	26.18	35%	37.2	\$337.10
York Road Elementary	16.28	2.62	4.26	6.88	23.16	30%	38.0	\$308.60
Northside Elementary	26.40	4.82	6.00	10.82	37.22	29%	40.8	\$426.00
Old Pointe Elementary	17.71	0.92	6.00	6.92	24.63	28%	23.8	\$428.00
Rosewood Elementary	27.06	3.10	4.40	7.50	34.56	22%	24.8	\$300.50
TOTAL	295.06	113.80	105.86	219.66	514.72	43%	52.6	\$7,458.30

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Spring 2014 – Recycling Results: Secondary & Office

Facility	MSW	COMMINGLED RECYCLABLES	OCC REC	Recycling Total	Total Waste	RECYCLING PERCENTAGE	PER STUDENT	EARNED 2013
Applied Technology Center	14.85	2.13	4.60	6.73	21.58	31%	44.9	\$390.00
South Pointe High	54.56	5.73	18.00	23.73	78.29	30%	35.1	\$1,183.50
Rock Hill High	83.16	4.74	10.80	15.54	98.70	16%	15.5	\$777.00
Northwestern High	71.21	5.09	11.00	16.09	87.30	18%	17.8	\$785.00
High School TOTAL	242.43	21.88	50.20	72.08	314.51	26%	42.6	\$3,503.00
Sullivan Middle	18.04	7.38	5.70	13.08	31.12	42%	31.8	\$410.50
Dutchman Creek Middle	29.59	9.65	7.50	17.15	46.74	37%	37.9	\$529.00
Castle Heights Middle	33.00	8.08	7.50	15.58	48.58	32%	39.9	\$536.50
Rawlinson Road Middle	33.99	5.23	7.50	12.73	46.72	27%	41.8	\$528.50
Saluda Trail Middle	32.56	4.83	7.50	12.33	44.89	27%	31.7	\$538.00
Middle School TOTAL	147.18	35.17	35.70	70.87	218.05	33%	36.7	\$2,542.50
Facilities Services Department	8.47	3.81	5.80	9.61	18.08	53%		\$409.50
Transportation Department	4.29	1.73	2.10	3.83	8.12	47%		\$151.50
District Office	9.57	2.01	5.10	7.11	16.68	43%		\$364.50
District Stadium-211 Cherry Road	1.32	0.00	0.10	0.10	1.42	7%		\$6.00
District Stadium South	10.34	0.00	0.00	0.00	10.34	0%		\$0.00
Offices Total	33.99	7.55	13.10	20.65	54.64	30%		\$931.50
GRAND TOTAL	719.66	180.87	204.86	385.73	1105.39	35%	42.6	\$14,435.30

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Comparison: Spring 2012 - Spring 2014			
	Spring '12	Spring '13	Spring '14
Solid Waste	869	731	720
Comm. Rec.	135	177	181
Cardboard	169	183	205
Recycle %	26%	33%	35%
\$ Earned	\$14,608	\$11,482	\$14,435

Cool Collections Tips!



- **RED: Break down those cardboard boxes!**



- **GREEN: Load dumpsters evenly! (Don't overstuff the closest one)**



- **BLUE: Line 'em up, space 'em out (For automated pick up)**



- **ALL: Don't block containers...**

Stadiums & Events

Stadium Recycling!

- Clear Stream Bins
- Collect
 - Beverage containers
 - Chipboard
 - Cardboard
- Announce
- Club Participation
- Special Events too!



Stallions Stomp Out Trash.
Make This a Litter-Free Game.

Please:
Put all bottles & cans in recycle bins.
Put food wrappers & trash in trash can.
Don't leave a mess around your seat!

The South Pointe Way

Who to Contact



Rock Hill School District

Shirley Gwinn
Administrative Services
Phone: 803-981-1009
Fax: 803-980-2017
Email:
sgwinn@rhmail.org

City of Rock Hill

Elizabeth Morgan
Environmental Educator
Phone: 803-329-7027
Fax: 803-329-5616
Email:
emorgan@cityofrockhill.com

What's Next



School Compost



School Compost



• Before Starting

- Learn, organize, plan
- Gather champions
- Educate and train
- Promote the program



School Compost

● Getting started

- Set up bins
- Provide collection containers
- Have a plan for taking out compost
- Have a plan for turning compost
- Educate



School Compost

● Use your compost

- School gardens
- Flower beds
- Container plants
- Air quality: Plant in Every Classroom projects



School Compost: What to Compost

• YES

- Greens
 - × Fruits/Vegetables
 - × Vegetables
 - × Coffee Grounds/Filters
 - × Egg shells
 - × Tea Bags
 - × Grass clippings/ Garden Scraps
- Browns
 - × Paper
 - × Paper towels
 - × Leaves
 - × Wood Shavings/Sawdust

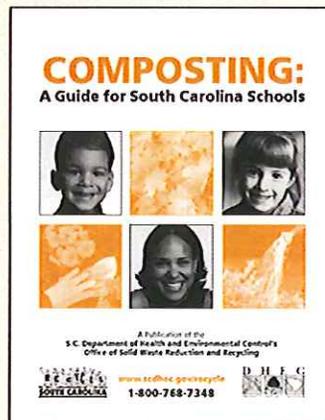
• NO

- Meat
- Poultry
- Fish
- Grease
- Dairy
- Processed Foods
- Coated Papers
- Evergreen leaves
- Plastics
- Pet waste

School Compost: Resources

• School Compost

- Scdhec.gov/compost
- Clemson.edu/extension
- Epa.gov/compost



Resources & Upcoming Events

- Environmental Education Liaisons
- Rock Hill Clean and Green
- York County Collection and Recycling
 - www.yorkcountygov.com/recycle
- SC DHEC Take Action Educational Programs
 - Angie Perry
 - Lara Smithson
 - ✦ larasmithson@greenleafedu.com
 - ✦ 803.627.5493



Recycle Bowl

- Keep America Beautiful Competition
- State and National Prizes
- October 20, 2014–November 15, 2014
- www.recycle-bowl.org



America Recycles Day



Take the America Recycles Day Challenge!
Sign your school up to participate

It's FREE!

- You will be provided with challenge cards for your students and staff to make a promise to do their part for the environment.
- Prizes will be provided for you to hold a drawing for students and staff at your school.
- Then you can turn in the challenge cards for the countywide prize drawing.

