Faculty Recycling Presentation

www.grownyc.org/rcp
Overview

- Understanding Sustainability
- Recycling in NYC: The Facts
- Recycling in NYC: Guidelines
- Maintaining habits

www.grownyc.org/rcp
Understanding Sustainability

- Natural Environment
- Economic Vitality
- Healthy Communities
Understanding Sustainability
On average, U.S. residents throw away this amount of trash each day:

A) 1.7 lbs  B) 3 lbs  
C) 4.4 lbs  D) More than 5 lbs
Average waste per American, per day: **4.4 lbs**

NYC: **91,000 tons** residential waste...every week

stats & facts
stats & facts
Where are NYC’s landfills located?

A) Staten Island
B) Other States
C) New Jersey
D) Long Island
NYC spends how much money annually to dump our trash into landfills?

A) $50 million  
B) $300 million  
C) $150 million  
D) $500 million
Recycling Saves Your Money

Exporting Waste Costs NYC: $300 Million

= Over 13,000 NYC students’ tuition to SUNY for all four years (...plus books)

= over 750,000 iPad 2’s
Recycling Creates
stats & facts

JOBS
Pratt Industries recycles paper collected from schools & residences in Staten Island, Manhattan, and half of Brooklyn.
NYC GREEN JOBS:
SIMS Municipal Recycling, BK

SIMS recycles metal, glass, plastic, cartons, and paper collected from schools & residences throughout NYC
NYC GREEN JOBS: Newtown Creek Wastewater Treatment Plant, BK

Newtown Creek converts methane from Food Scraps to energy. Other commercial facilities turn organics into compost.
400,000 tons

AMOUNT OF RECYCLABLE PAPER THAT NEW YORK CITY RESIDENTS THROW AWAY EVERY YEAR... ENOUGH TO FILL THE EMPIRE STATE BUILDING

40% of total waste coming out of schools

What reduction and reuse practices can be incorporated into your everyday classroom activities?
NYC Recycling Guidelines

Columbia Secondary School, Manhattan
SORT IT OUT
What goes where in NYC Recycling?

Mixed Paper
- Food
- Soiled Paper

Cardboard

Metal

Glass bottles & jars

Rigid Plastic

Cartons

Food

Soiled Paper
NYC School Waste Characterization

Size of NYC school system

- 1,800 schools in 1,200 buildings
- 1.1 million students
- Over 800,000 meals served per day

DSNY Waste Characterization Study (2013)

- 90% of school waste is recyclable

<table>
<thead>
<tr>
<th>Waste Category</th>
<th>Recyclable (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Scraps/Organics</td>
<td>40%</td>
</tr>
<tr>
<td>Paper</td>
<td>40%</td>
</tr>
<tr>
<td>Metal/Glass/Plastic/Cartons</td>
<td>10%</td>
</tr>
<tr>
<td>Non-Recyclable Waste</td>
<td>10%</td>
</tr>
</tbody>
</table>

Columbia Secondary School, Manhattan
Recycle paper in Green

Paper
Envelopes
Cardboard
Newspapers
Magazines

Leave out: tissues, napkins, paper with too much paint.

Guidelines
Don’t Trash It, Recycle It.

If you can rip it, you can recycle it.

Classroom and Office Paper Recycling
Recycle MGPC in **Blue**

Metal
Glass
Hard Plastic
Cartons

*Leave out:* soft plastic
(plastic bags, chips wrappers, Capri Sun pouches)

**Guidelines**
• Keep bins together and in the same place
• Place bins in a convenient location, near the entrance
• Place labels on and above bins
• If your school does not recycle plastics in the classroom, make sure to have a plastic recycling station out in the hallways
Maintaining Habits

NYC Recycling
Recycling as a Classroom Rule & Expectation

- Recycling is a school expectation and a classroom rule
- Be conscious of your own habits; students will take notice
- Reinforce positive behaviors
- Use incentives, competitions to motivate

Don't ever...
1. Chew gum.
2. Eat or drink.
3. Throw away recyclable material.
4. Check your personal email without permission.
5. Talk in a loud voice.

M.S. 113, Brooklyn Computer Lab
Incorporate Recycling into Lessons

Satisfy Standards in:
• Natural Resources and Energy
• Human Influences on the Environment
• Materials Science
• Living Environment

www.grownyc.org/rcp
In Their Words: Recycling Campaign

- Slogans
- Create a banner
- Songs
- Poems
- Interviews
- Research

Maintaining Habits
Participate in Recycling Competitions

Maintaining Habits
Recycling Resources

Recycling Champions Program
grownyc.org/rcp

NYC Dept. of Sanitation
2015 Golden Apple Awards
RRResource Guide
nyc.gov/recycles

DOE Sustainability Initiative
schools.nyc.gov/sustainability

schoolrecycling@grownyc.org
Thank You!
schoolrecycling@grownyc.org