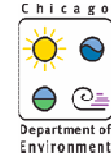




Rethink Recycling!

Chicago Conservation Corps (C3)



Think you really know recycling? Use the 5 items in the bag to answer the following questions.

Item in bag	From which original source is this item made?	Is it recyclable?	How can this item be reused?	How can you reduce the use of this item?

Team Name: _____

Team Members: _____



Mayor Richard M. Daley

City of Chicago

Recycling Presentation

Quick Recycling FACTS:

Recycling an aluminum can save enough energy to keep a 100-watt bulb burning for almost four hours or to run your TV for ___ hours? 3

Manufacturing bottles from recycled plastic uses ___% less energy than manufacturing them from scratch? 70%

Manufacturing one ton of paper from recycled fibers instead of virgin fibers saves _____ gallons of water, 17-31 trees, 4,000 KWh of electricity, and 69 pounds of air pollutants? 7,000 gallons

Paper accounts for ___% of an average landfill's contents? 40%

You can recycle aluminum ___ number of times? Unlimited!

- Discuss original source of aluminum (aluminum bauxite ore), plastic (petrochemicals – crude oil and natural gas or biomass like corn), paper (trees), and glass (soda ash, limestone, and lots of sand). How is it recycled? (See worksheets)
- Types of Recycling in Chicago:
 - Blue carts, Household Chemical and Computer Recycling Facility, Drop-off Centers
 - Go over what can and cannot be recycled in Chicago
- Why are Reduce and Reuse important?

Between 1960 and 2008 the amount of waste each person creates has almost doubled from 2.7 to 4.5 pounds per day. The most effective way to stop this trend is by preventing waste in the first place. Waste prevention, also known as "source reduction," is the practice of designing, manufacturing, purchasing, or using materials (such as products and packaging) in ways that reduce the amount or toxicity of trash created. Reusing items is another way to stop waste at the source because it delays or avoids that item's entry in the waste collection and disposal system.

Source reduction, including reuse, can help reduce waste disposal and handling costs, because it avoids the costs of recycling, municipal composting, landfilling, and combustion. Source reduction also conserves resources and reduces pollution, including greenhouse gases that contribute to global warming.