

WHY RECYCLE ?

NEWSPAPER RECYCLING FACTS

Did you know that paper was invented in China around 105 A.D. by T'sai Lung, a scribe in the emperor's court? Since then, the world has made great use of this material especially for newspaper.

- It takes 17 trees to produce one ton of paper.
- Americans buy about 65 million newspapers every day.
- Typically, newspaper can be recycled 5-7 times.
- When newspaper enters the recycling process at a de-inking mill, it is washed in a solution of warm water and chemicals that turns it into a kind of mush. Through a combination of spinning and screening the mush, most ink and other unwanted particles are removed. It is then air treated in a flotation cell causing any remaining particles to float to the surface. After one last washing and screening, the mush is bleached and, if necessary, mixed with pulp from trees. This mixture is then squeezed to remove the water after which it is dried and pressed and is readied for shipment.
 - Nearly 4.5 of every ten U.S. newspapers are being recycled.
 - Producing paper from recycled paper reduces air and water pollution by 50%.
- Recycling one ton of paper saves 7,000 gallons of water and 4,100 kwh of electricity.

(courtesy of <http://www.newtonkansas.com/dep/san/page14.html>)

Old newspaper is recycled into:

* newsprint for newspapers, inserts and flyers * telephone books and directories * cereal boxes, shoe boxes, laundry soap boxes * tissues, paper towels, household paper products * animal bedding (substitute for straw) * insulation * printing and writing paper * construction and building materials such as roofing felts * molded pulp products (egg cartons) * middle layer of cardboard boxes

(courtesy of www.gvrd.bc.ca)

ALUMINUM RECYCLING FACTS

Here are some aluminum facts: (courtesy of <http://www.kingwoodgreeninfo.org/recyclingfacts.html>)

- Aluminum cans will litter the earth for 500 years!
- Discovered in the 1820s, aluminum is the most abundant metal on earth.
(<http://www.earth911.org/master.asp?s=lib&a=aluminum/facts.asp>)

"Recycling aluminum takes 95% less energy than making aluminum from raw materials."

(courtesy of <http://www.bluebarrel.com/recycling/pages/factntips.htm>)

"Recycling one aluminum can saves enough energy to keep a 100-watt bulb burning for almost four hours or run your television for three hours."

(quoted from The Anchorage Recycling Center website)

AND...

"Americans throw away enough aluminum every three months to rebuild our entire commercial air fleet."

(quoted from The Anchorage Recycling Center website)

>>>> More recycling facts on back! >>>>

OFFICE PAPER RECYCLING FACTS

The item most frequently encountered in MSW (Municipal Solid Waste) landfills is plain old paper- on average, it accounts for more than 40 percent of a landfill's contents. Newspapers alone can take up as much as 13 percent of the space in US landfills.

(courtesy of <http://epa.gov/epaoswer/non-hw/muncpl/faq.htm>)

Making recycled paper instead of new paper uses 64 percent less energy and uses 58 percent less water.

(courtesy of <http://www.resourcefulschools.org/html/facts.html>)

"Each ton (2000 pounds) of recycled paper can save 17 trees, 380 gallons of oil, three cubic yards of landfill space, 4000 kilowatts of energy, and 7000 gallons of water. This represents a 64% energy savings, a 58% water savings, and 60 pounds less of air pollution."

(courtesy of <http://members.aol.com/ramola15/funfacts.html>)

"With the office paper and writing paper we throw away every year, we could build a 12-foot high wall from Los Angeles to New York City."