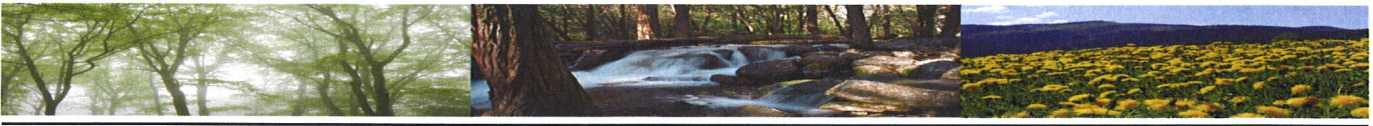


reduce.reuse.recycle



What is Recycling?

Recycling is the process of making new products from old materials. Recycling saves natural resources and energy. Therefore, recycling reduces the pollution associated with manufacturing from new raw materials.

Recycling is often discussed on two levels: preconsumer and postconsumer. Preconsumer recycling is when materials come out of the manufacturing waste stream prior to ever entering the marketplace. Postconsumer recycling occurs after a product has been purchased and used by an individual. Postconsumer recyclables are turned back into raw materials which used again rather than becoming garbage.

Many materials can be easily recycled in Tennessee including: aluminum, steel, paper, cardboard, and most glass and plastic. Other materials including electronics, used motor oil, and old tires can also be recycled. Unique items like eyeglasses, cell phones, and plastic six-pack rings are also being collected for recycling. Organic materials including leaves, grass clippings, and table scraps can be recycled in a compost pile. The EPA has many additional resources on recycling.

G T I R M A G A Z I N E S H O E T Q Q S
M E P W O W T I S F T Q R W K K D R H N
P L A S T I C B O T T L E S F O H G D E
Y E Y Q P G W E J W Y K U A E F D H I W
D P H K H K K H K K I T S Q C F E I E S
O H R H D Y L C D C D X E J H I I G O P
C O L G Y N D W H U P N A N B C W L A A
R N D D M A L U M I N U M C L E O A U P
G E V T E O R O I X P F D B U P P S B E
Y B T M Q I F W P S R B T T E A Q S S R
W O V R E C Y C L E M H O F B P N J C J
J O A I I R Y H R R X J U A A E J A T D
I K E J M E T A L C A N S Y R R A R H T
X S F D O U Q I S J A R I F R D T S U V
G U C A R D B O A R D V O D E W I L A H
R E D U C E I Q B O L K E Y L U S S M N
E D Y R G W W J U N K M A I L W Y Y J M

Recycling is working!

- The average person generated 2.7 pounds of waste each day in 1960. In 2000, the rate was 4.5 pounds-per-person-per-day.
- 99 percent of all beer cans and 97 percent of all soda cans are made of aluminum.
- Paper and paperboard constituted the largest portion of the United States municipal solid waste stream in 1994, representing 38.9 percent of the total waste by weight.
- Manufacturing a can from recycled aluminum requires only 5 percent as much energy as making the same can from virgin ore.
- Recycling one tons of aluminum saves 37 barrels of oil.
- Recycling paper uses 60 percent less energy than manufacturing paper from virgin timber.
- The lifespan of a can is six weeks on average. This includes the time it takes for a beverage can to be manufactured, filled, sold, recycled, and remanufactured.
- Recycling decreases emissions of greenhouse gases that contribute to global climate change by decreasing the energy needed to make products from virgin materials, reducing emissions from incinerators and landfills, and slowing the harvest of trees, thereby maintaining carbon dioxide storage provided by the forests.
- Nine jobs are created for every 15,000 tons recycled vs. one job for every 15,000 tons sent to a landfill.

Recycling Word Search

- | | |
|---------------|-------------------|
| • Aluminum | • Newspaper |
| • Blue barrel | • Office paper |
| • Cardboard | • Plastic bottles |
| • Chipboard | • Recycle |
| • Glass jars | • Reduce |
| • Junk mail | • Reuse |
| • Magazines | • Telephone Books |
| • Metal cans | |