

Get rid of hazardous waste the right way

If your family has Household Hazardous Waste (HHW) that you want to get out of your home, you have a few choices. You can take it to the Recycle Center near you on the special collection day in October (see box), or you can drop it off at the SEIRD facility at Jefferson

Proving Ground year-round during normal business hours. HHW includes household cleaners, weed and bug killers, hobby glue, and oil-based paint. To learn more, call 800-997-4793 or visit www.seird.org.

If you missed our recent Electronics Amnesty Days, don't worry! We will be having more amnesty days throughout the year. Watch your local paper or visit our website, www.seird.org, for information. There is a limit of three electronic items accepted at no charge per household on amnesty days. Electronics are accepted year-round at all of the Recycle Centers, but some fees apply.



America recycles. I recycle. Do you?

Every day, people across America recycle. We hope that you are one of those people. Did you recycle yesterday? Have you recycled yet today?

Each year, recycling keeps more than one-third of our nation's trash out of landfills. When we recycle, we save energy, conserve natural resources, and create jobs. When we landfill, we waste good resources.

When you and your family recycle, you make a simple choice that makes a big difference. For example, recycling just one aluminum pop can saves enough electricity to power a flat-screen TV for three hours.

This fall, we'll celebrate America Recycles Day on November 15. America Recycles Day is all about celebrating everything good about recycling while making it bigger and better.

What will you do this America Recycles Day? Will you learn exactly what can be recycled where you live? Will you recycle at school? Will you talk to your parents and neighbors about recycling? How might you creatively promote recycling on social media? It's simple to start the conversation; just say, "I recycle. Do you?"

If you need information about local recycling programs, we can help. To learn more, call us at 800-997-4793 or visit www.seird.org.

HHW drop-off events

Saturday, October 6

Franklin County Recycle Center, from 8 to 10 a.m.
Batesville Recycle Center, from 11 a.m. to 1 p.m.

Saturday, October 13

Jennings County Recycle Center, from 8 to 10 a.m.
Scott County Recycle Center, from 11 a.m. to 1 p.m.

Saturday, October 20

Switzerland County Recycle Center, from 8 to 10 a.m.
Ohio County Recycle Center, from 11 a.m. to 1 p.m.

Recycle to win

Recycle-Bowl is a fun, friendly, and free contest for schools to encourage recycling. Whether your school has an existing recycling program or is just getting started, Recycle-Bowl is a great way to get students and teachers excited and grow your recycling program.

The Recycle-Bowl competition is open to all elementary, middle, and high schools. Public, private, and charter schools are eligible. Schools that take part in Recycle-Bowl will track and report how much material they collect during the one-month contest period. Schools may compete for national prizes.

The contest takes place this fall. The deadline for entry is October 12. The competition runs from October 15 through November 15. Final reports are due in mid-December.

To learn more and to register, visit www.recycle-bowl.org.

TIME after TIME

A time capsule is a container that holds articles from a certain place and time. Time capsules are usually buried or built into a sealed place to be opened much later. They are meant to show people in the future what life was like at the time they were buried.

At Lincoln Elementary School, a time capsule was dug up next to the school playground. The objects inside were clues to the year the time capsule was buried. The students at Lincoln School found and counted these objects:

1,000 Bottle Caps

23 Newspapers

601 Aluminum Cans

373 Plastic Lego Bricks

Add the number of objects. The total number of objects will give you the year the time capsule was buried but not the reason. The time capsule was buried to celebrate the first year that people all across America celebrated the importance of recycling and buying recycled-content products.

What was the year?

What was the event that was being celebrated?

PUZZLING CLUES

The students in Mr. Chen's class are selling vermicompost (worm compost) as a school fundraiser. Use the clues to figure out how many bags of vermicompost each student sold.

Clues:

- A. Lily sold five bags more than Jack.
- B. Jack sold twice as many bags as Santiago.
- C. Sara sold five bags less than Santiago.
- D. Jack sold four times as many bags as Sara.
- E. Santiago sold 10 bags.

Questions:

1. Which clue did you use first?
2. Was there any clue you didn't need?
3. Who sold the most bags?
4. Who sold the least bags?
5. How many bags did each person sell?

PREDICTING PATTERNS

You won't need a crystal ball to find out how much glass is recycled in the U.S. Find the answer by looking for the patterns. For each number given, **find the next highest number** in which:

Column A:

Every digit is the same.
(examples: 33; 555; 9,999)

Column B:

Each digit grows greater by one.
(examples: 89; 234; 4,567)

We've done the first one for you.

Add all 14 of the answers in columns A and B to find the number of tons of glass recycled each day in the US. _____

Number	A	B
9	11	12
39		
52		
68		
100		
399		
3,112		

runaway run-ons

Read each run-on sentence. Fix it in two ways: write two simple sentences, and write one compound sentence.

1. The America Recycles Day party will be held on November 15 Mr. Gregor's class will plan the party.

2. Jacob, Isabella, and Sofia are planning games for the party they asked their classmates for ideas.

3. The class is collecting cereal boxes they only want flattened, empty boxes.

4. Evan gathered old magazines and colored paper Zoe got scissors and glue.

5. Noah wrote a short story about recycling a poster for the party was drawn by Aiden.

6. There will be game and craft stations at the party four students at a time may be at each station.

7. Use the computer to make signs for each station set the signs on the tables.

BURIED TREASURE?

The experiment below will help you understand how trash can decompose, or break down, in different places. To complete this experiment, you will need four apple cores, two plastic bags, three colanders, three bricks or heavy objects, a shovel or digging device, gloves, and an outdoor area with soil.

Instructions:

1. Place two of the apple cores inside plastic bags. Make sure the bags are sealed tightly so that no air can get in or out.
2. Place one bag inside where it can be easily observed.
3. Take the other bag outside and bury it under an inch or two of soil.
4. Place a colander over the buried bag to prevent animals from getting to the apple. Place a brick or heavy object on top of the colander.
5. Take the remaining two apple cores outside as well.
6. Bury one core an inch or two under the surface. Leave the other sitting on top of the soil.
7. Place a colander and heavy object over each apple without a bag to keep animals out.
8. Wait for a week or two, then uncover and observe the apples. Be sure to use gloves when picking up or handling the apples.
9. Answer these questions in your log:
How much did each apple decompose (rot or break down)?
Did some apples decompose more than others?
If so, which ones?

Questions:

1. Which of the apple cores do you think would be most like a bag of trash in a landfill? Why?
2. Did the apple core that is most like a bag of trash in a landfill break down faster or slower than the other apple cores?
3. What does this tell you about landfills?
4. Which apple core broke down the fastest? Why?
5. What environmentally friendly method for getting rid of trash does this seem like?

LOG:

COMPOST

PLAY TIME

#

YUM

Remember to shop like a recycler

So how exactly would a recycler shop? By buying products that contain recycled materials, of course! Fortunately, shopping for goods that are made from recycled paper, plastic, metal, or glass is easy. These “recycled-content” products are made from stuff that people have recycled! Remember to check the package or the tag for phrases like “recycled,” “recycled content,” or “post-consumer content.” You can find printer paper, notebooks, binders, pens, and pencils, as well as fleece hoodies and jackets and even T-shirts. Plus, some packaging always contains recycled content, such as cereal boxes and pop and soup cans.

Buying recycled products closes the loop in recycling and builds a demand for more recycling. Buying products made from recycled content saves natural resources and creates jobs!



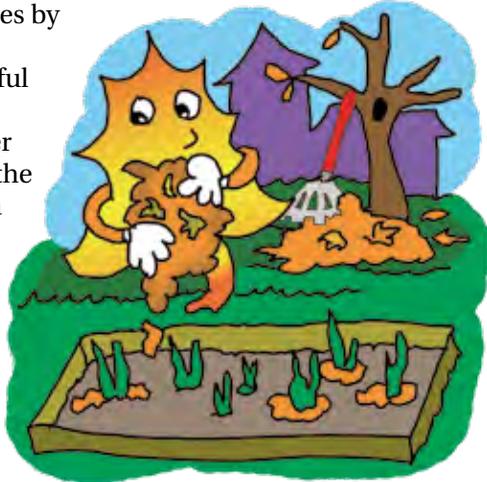
Schedule a recycling review with Mandy

Need facts about recycling? We’ve got them! Mandy Creech will be reaching out to teachers and students this fall to make sure everyone knows what can and cannot be recycled at your school. If you’d like to reach out to us first, please ask your teacher or principal to contact Mandy about your recycling review, as well as classroom programs for students offered by SEIRD. Contact her at mandy@seird.org or 812-457-4080.

Autumn “re-leaf”

The leaves will soon turn yellow, orange, and red. After school, the air will be crisp and cool. You know what that means — the chores are about to begin! Talk to your parents about reusing your autumn leaves. Here are some “re-leaf” ideas:

- Make a pile and jump into it with your friends. Remember to record your good memories by taking pictures.
- Save some of the most colorful leaves, press them between sheets of paper (waxed paper and parchment paper from the kitchen work well), and then place the paper between heavy books or bricks.
- Using a mulching mower, shred leaves and let them stay on the grass. The shredded leaves will provide a winter cover to protect grass roots and soil



and will decay by spring. If you have a lot of leaves, you’ll need to mow often during the weeks when the most leaves fall.

- Use your family’s mower to create leaf mulch. Simply attach the bagger and collect the leaves. Your mower will shred the leaves as it picks them up, creating a great mulch. Put the leaf mulch on your garden or flower beds, around trees, or on paths. Leaf mulch will help keep moisture in the soil, where plants will be able to use it next spring.
- Pick up shredded leaves with the mower or rake up whole leaves and add them to your compost bin.

Whoa! Matches and leaves don’t mix!

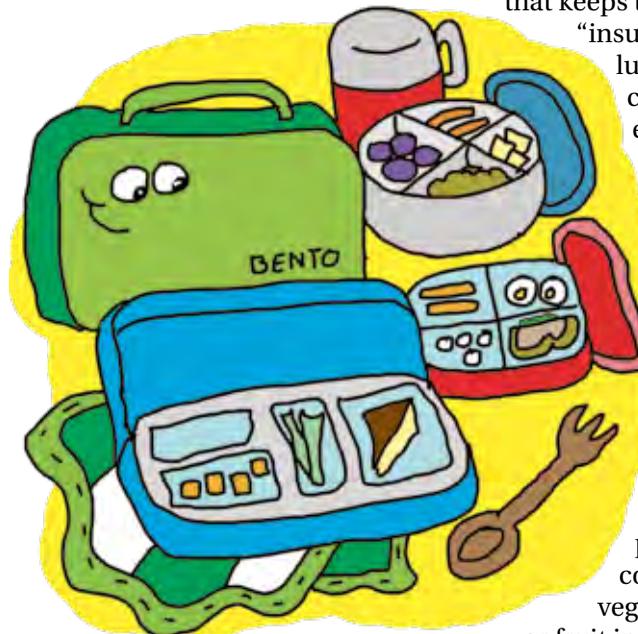
Smell burning leaves? Are your eyes watering? Are you coughing? Leaf burning releases harmful pollutants into the air. In fact, smoke from just 5 pounds of burning leaves creates a full pound of pollution. Leaf burning can create health hazards for children, the elderly, and people with breathing difficulties, such as asthma. A burning leaf pile can also start a larger fire, putting nearby properties at risk. Be a good neighbor — don’t burn your leaves!



Simple waste-free lunches!

Packing a waste-free lunch is so easy! You probably have everything you need in your kitchen at home. When you go home today, check for these items.

First, you’ll need a reusable bag or box. This might be a lunch bag that keeps things cool (called an “insulated” bag), a decorated lunch box, a large plastic container with a lid, or even a tote bag.



Second, you need washable, reusable containers. You probably have plenty of these at home. Check the cabinets. Just make sure that you have containers with lids that match.

Third, pack your lunch. Make a sandwich or wrap and put it into a reusable container. Put cut-up veggies, cookies, crackers, or fruit into your other washable containers. Not only is this a waste-free lunch, but it will probably also be cheaper. Buying food in larger quantities is usually not as expensive as buying the same amount of food in many small, single-serving containers.

Fourth, take a drink. You can fill a reusable bottle with water, juice, or milk, or take a recyclable bottle.

Fifth, wash your containers and start again.

Sixth, visit www.epa.gov/students/pack-waste-free-lunch and use the tools provided to encourage your classmates to pack waste-free lunches too!



Southeastern Indiana Recycling District

Jefferson Proving Ground, Building #534
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Madison, IN 47250

800-997-4793 • www.seird.org

