



Ready to rake?

Fall brings about many changes. You are back in school. You may be taking part in after-school activities or sports. Outdoors, temperatures begin falling and the leaves change colors. One day, your parents may be waving a rake at you and telling you to clean up the yard. Although the leaves are red, yellow, and brown, yard cleanup and raking can be green! Try some of these suggestions and your raking will be good for the environment:

- After gathering the leaves, put them into your compost bin. Mix them in slowly over the next several months with additional "green" debris, such as fruit and vegetable scraps. If you put in too many leaves at one time, it will slow down the composting process. Our educator will visit classes, clubs, and other groups to talk about composting and show you how it works. We also have a how-to book that we can send your family, free of charge, if you are ready to start backyard composting. Learn more by calling the District office at 317-858-6070 or visiting www.HendricksSolidWaste.com.
- Use the bag attachment on your mower to shred the leaves. These leaf bits can be used as mulch. Leaf mulch protects the soil and helpful creatures in your garden from harsh winter temperatures.
- If there is only a sprinkling of leaves on your lawn, use your mulching mower instead of a rake. The mower will shred the leaves into small pieces and drop them back onto the lawn. These leaf bits protect your grass during the winter and decompose by spring.
- After you've composted and mulched your leaves, you might have a few bags left over. You can recycle the extras at the Hendricks County Solid Waste Management District's two Yard Waste Recycling sites. The Brownsburg site, located at 90 Mardale Drive, is open from 7 a.m. to 5 p.m. on Tuesday, Friday, and Saturday. The Plainfield site, located at 7020 South County Road 875 East, is open from 7 a.m. to 5 p.m. on Monday, Friday, and Saturday. Fees are charged at each site.



Remember — please don't burn fall leaves. When you burn piles of leaves, you can accidentally start fires that get out of control, putting people and houses in danger. Plus, burning leaves put pollutants into the air, making it harder for people to breathe.

Mark your calendar

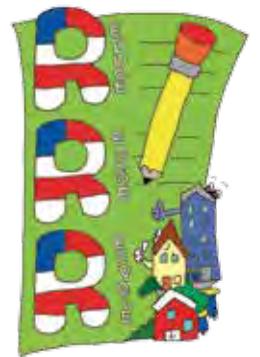
The Hendricks County Solid Waste Management District will hold its last Tox-Away Day of the year on Saturday, October 21, at Plainfield Middle School, from 8 a.m. to 1 p.m. But don't worry; Tox-Away Days will be back in April 2018!

For details about acceptable items and fees, visit www.HendricksSolidWaste.com.

Celebrate America Recycles Day

America Recycles Day is November 15, and we want YOU to take the pledge to be an even better recycler! Pledge to begin or improve your recycling efforts and you can be entered into a drawing to win a waste-free lunch kit. Just complete and return the pledge form below!

The week of America Recycles Day (November 14–18), we will be working with middle schools and high schools to learn more about what is in their trash cans. Let your older brothers and sisters know about this so that they can take part in the green teams at their schools.



I pledge my support for America Recycles Day!

Check one of these boxes to enter the drawing:

- I pledge to begin reducing, reusing, and recycling.
- I pledge to improve my efforts by reducing, reusing, and recycling more.

Name _____

School _____

Grade _____

Home Address _____

City _____ State _____ ZIP _____

Telephone _____

Return your form to:

America Recycles Day Contest
Hendricks County Solid Waste Management District
104 E. Main Street
Brownsburg, IN 46112

Entries must be received by November 15, 2017.

Your name and address will be kept confidential. You will not be contacted unless you are a winner. No purchase necessary. One entry per person.

#BERECYCLED



America Recycles Day

WHAT WOULD YOU DO?

Instructions: Read each problem and then select the two best suggestions. Label one "good" and the other "better." (Hint: One idea on each list is not a very good idea, so leave that one blank.)

- Mateo didn't remember to take all of his supplies on the first day of school. Now he knows that he needs #2 pencils and loose-leaf paper by next Monday. What should he do?
 - A. Get off the bus and insist that his mom or dad drive him to the store.
 - B. Make a list of what he needs and ask one of his parents to pick up these items the next time the family makes a trip to the store.
 - C. Look through old supplies at home. These might be found in a drawer or closet. Maybe he will find some or all of the items he needs there.
- Salma and her family are going out for pizza and often have leftovers. What should they do?
 - A. Ask the waiter for a box for the leftover pizza and take it home to eat tomorrow.
 - B. Plan ahead by putting a washable container into a bag and taking it to the restaurant.
 - C. Leave the pizza behind. Leftovers are gross!
- Jackson is headed to soccer. He knows he is going to get hot and thirsty. What should he do?
 - A. Fill a washable, reusable water bottle and bring it home after the game.
 - B. Buy a bottle of water to drink and then leave the empty bottle on the sidelines.
 - C. Take the bottle of water his coach offers but recycle it in a bin at the field or at home after the game.

MIXED-UP MODIFIERS

Instructions: In each sentence below, one word is scrambled. Unscramble that word. Then, on the line at the right, write whether the unscrambled word is an adjective or an adverb.

- Mr. Pike's class handed out **uble** recycling bins to each class.
- The second graders asked the **stmo** questions about the recycling bins.
- Adam **lhypiap** answered each question.
- Addison and Sara recorded a **efceuhlr** announcement about recycling.
- A group of students **fyuralcel** hung posters about recycling in the hallway.
- Eylar next week, Mr. Pike's class will empty the classroom bins.
- Only paper will go in the classroom **gcilnyrec** bins.
- Custodians will put recycling bins in the cafeteria **romowort**.
- Students will be able to recycle **ptemy** bottles and cans there.
- Everyone was **yerv** excited about the new program.

CLUES YOU CAN USE

Instructions: Use the clues below to find the correct answers. Show your work.

The letter Y stands for how many yard trimmings are composted through public programs nationwide (in millions of tons).

Clues:

- A. $Y < 25$
- B. $Y > 19$
- C. Y is an odd number.
- D. 3 is a factor of Y.

1. Based on the first two clues, list all possibilities for Y.

2. What clue would you use next? Test it and write what number you have left.

3. What is Y?

4. Did you need all of the clues to find the answer?

The letter C stands for the number of cans Hailey's family recycled last week.

Clues:

- A. $C \geq 28$
- B. $C < 30 + 7$
- C. The ones digit of C is greater than the tens digit.
- D. The sum of the digits of C is an odd number.
- E. $C < 3 \times 11$

1. Which two clues would you use first? Try them and write the possibilities for C.

2. What is C?

3. Were there any clues you didn't need to use to solve this problem?

REMEMBER WHEN

Camila is writing a report about the recycling program at her school. The program started several years ago, but no one remembers the year. Camila has gathered several facts that she can use to figure out the correct year. Help Camila eliminate all but the correct year from the list of possible years.

Possible Years

- 1985 1993 1995
- 1997 2000 2003

Clues

- The principal is sure it was not an even numbered year.
- The custodian said it wasn't during the 1980s.
- Mrs. Bass said it was after she started teaching in 1994.
- The recycling company started offering school programs in 1996.
- Mr. Ray, who helped the Green Team kick off the program, left the school in 2001.

Year Eliminated

What year did the school recycling program begin?

Bonus: What other important recycling event started that year?

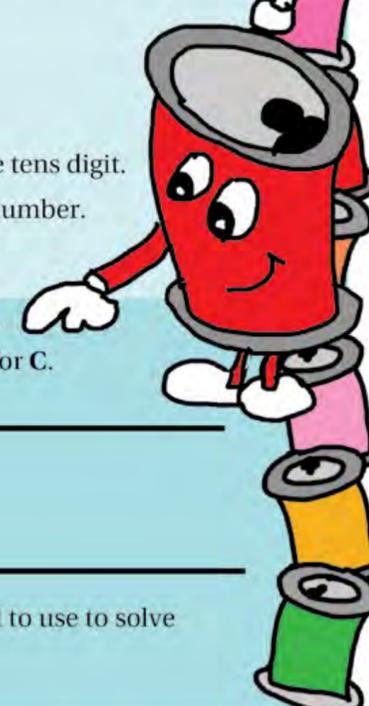
CYCLING AROUND

Instructions: The pictures below show a composting cycle that could go on and on. The stages are listed in the box below, but they are mixed up. Using the pictures as clues, number the stages.



Stages

- Mixing and turning the compost pile
- Using compost to improve garden soil
- Emptying a food scrap bucket onto the compost pile
- Picking garden vegetables
- Yard and food scraps breaking down in the pile
- Preparing food and putting peels in a food scrap bucket



Learning something new

Sometimes talking to someone face to face is the best way to learn something new. You can ask questions about things you don't understand or share facts that will help your classmates. Your teacher can go over some things quickly and take more time on others, depending on the class. Every year, we like to meet with students like you face to face, too. We have fun lessons and activities about reusing, recycling, composting, and more. We can help your class create a worm composting bin for lunch scraps, show you how to track the impact of your shopping habits, create a garbage pizza, play a game of Enviro-Survivor, and more. We enjoy your challenging questions and clever suggestions. Plus, we learn new things from you, too!



We would like to visit your classroom. However, if your class is too busy to meet face to face, we have plenty of resources for your teacher to use. Your teacher can find a list of all of our programs and resources at <https://sites.google.com/site/enviromentaleducator/amy-sieferman>. We also visit scout troops, clubs, after-school programs, and other youth groups.

If your teacher, principal, or club leader would like to know more or arrange for a visit, please ask one of them to contact Amy Sieferman at asieferman@HendricksSolidWaste.com or call 317-858-6070. Contact us early, as our schedule fills up quickly.

Students and families are welcome to check out items from our Environmental Lending Library. Stop by our office at 104 E. Main Street in Brownsburg to take a look. Our office is open from 8 a.m. to 4:30 p.m., Monday through Friday.

Make your lunch waste-free

Lunch generates a lot of waste. Paper and plastic bags, food packages and wrappers, and leftover food scraps can quickly pile up during your lunch period. In fact, lunch may be one of the most wasteful times of your school day. You have the power to make this time less wasteful. With some work, it can even be waste-free! Try these steps:

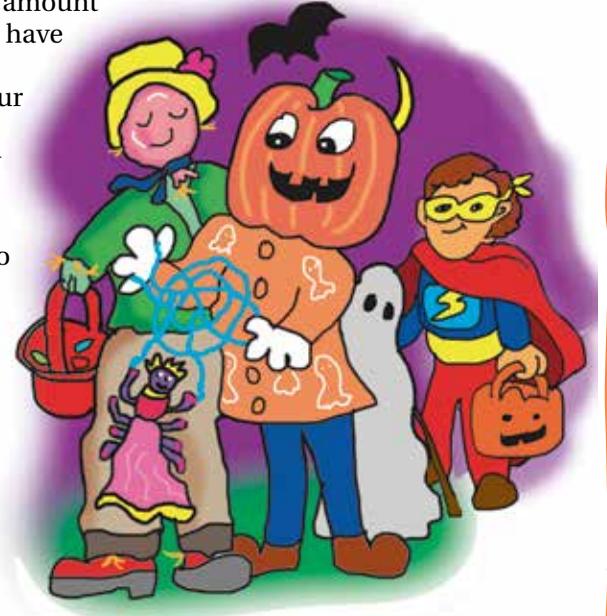


- Carry a reusable lunch box or lunch bag. Pick one with your favorite characters or colors!
- Buy lunch food in bulk, such as big bags of carrots or the large jars of peanut butter and jelly.
- Pack food, from carrots and dip to sandwiches or wraps, in reusable, washable containers.
- Make sure you eat all of the food you pack. If you do have leftovers, leave them in your containers to eat later at home.
- Bring drinks in washable containers or in recyclable bottles.
- Use a sturdy, washable fork or spoon.
- Bring along a cloth napkin to wipe your hands and face.
- After school, wash your containers and silverware in hot, soapy water so that they'll be clean the next day!

Be green on Halloween

Halloween is a fun time of year. There are parties, costumes, candy, and decorations. This holiday also generates a lot of waste, from costumes worn once to candy wrappers and decorations that get tossed out after the holiday. You can reduce the amount of waste you create and still have fun. Here are some ideas:

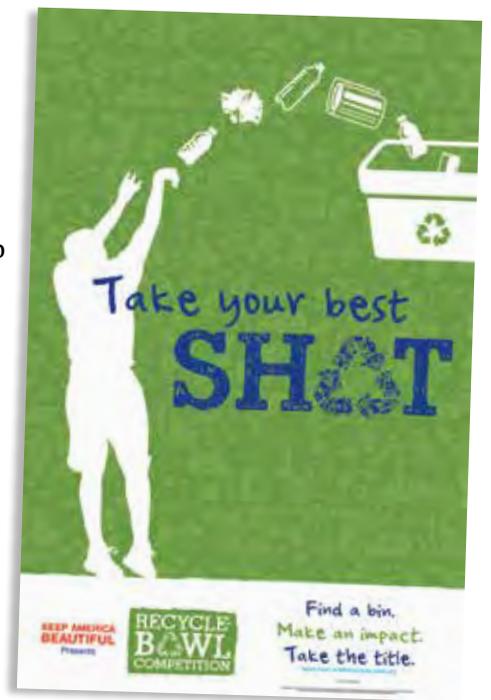
- Swap costumes with your friends. Ask everyone to bring a costume they have worn in the past and trade. You can also look at thrift stores or go through your family's old clothes for costume materials. Whatever you choose, save this year's costume for next year or make sure someone else uses it by giving it away.
- Have a jack-o'-lantern and eat it, too! After carving your masterpiece jack-o'-lantern, toast your pumpkin seeds for a delicious snack and add the stringy insides to your compost pile. (After the holiday, ask an adult to cut your jack-o'-lantern into chunks and add those to the compost pile or bin, too.)
- Reuse decorations from last year or make new ones from materials you have around the house. Old clothes can be used to create a scarecrow, cardboard can be cut out to become spooky gravestones or ghosts, milk jugs can become reusable jack-o'-lanterns, and extra string or yarn scraps can create a spider web!
- As your parents are buying candy, let them know what kids like (and don't like).
- Use a reusable trick-or-treat bag or bucket and store it for future Halloweens.



Recycle to win!

Do you want to increase recycling at your school? Make a game of it! Keep America Beautiful's annual Recycle-Bowl is a nationwide recycling contest for elementary, middle, and high school students.

Open to all schools, this recycling contest runs from October 16 through November 15. Schools that take part will track and report how much recycling they collect for a chance to win prizes. Registration is open now through October 13 on the Recycle-Bowl website, www.recycle-bowl.org.



Funded by the Hendricks County Solid Waste Management District



HENDRICKS COUNTY SOLID WASTE MANAGEMENT DISTRICT

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