





#### Berry Global, Inc. Presents



## **Earth Day Activities Book**

- Review the information provided in the activity book.
- Take the recycling challenge.
- Choose some ideas from the activity book that you can use to change the way you handle recyclable materials.
- Know the locations for recycling in your area and use them.
- Encourage your friends, family, and neighbors to do the same.



## The Next Few Pages Will Be About:

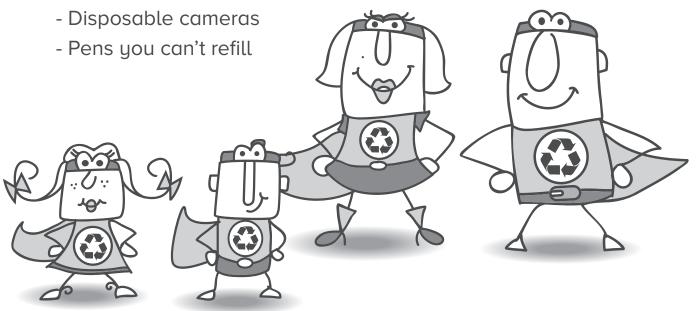
#### Ways to Reduce

- **Information page.** Reducing your family's trash. See how many of these suggestions you and your family are already using.
- What's in the neighborhood? Plastic is used in every aspect of your life. Much of it either has been recycled or can be recycled. See how many things on the list you can find in the picture.
- "See under the sea" coloring page. One of the benefits of reducing waste is a clean environment.
- **Information page.** Compost—making your garden grow. Here are some guidelines to get you started.
- **The great recycling maze.** Follow the path to find the prize at the end.



#### **Reducing Your Family's Trash**

- Buy larger amounts in a single package instead of two or more packages.
- Shop for quality.
- Rent or share things you only use once in a while.
- Put garbage in a compost pile, and use it to improve the soil in your garden. The more you use, the less that will end up in the landfill.
- Repair broken items instead of throwing them away.
- Learn how to make simple repairs.
- Give old or repairable items to agencies that will repair and resell them.
- When you buy products, be sure you are buying recyclable or reusable packaging.
- Buy only what you really want or need.
- Stay away from things that are made to be disposable:
  - Disposable flashlights



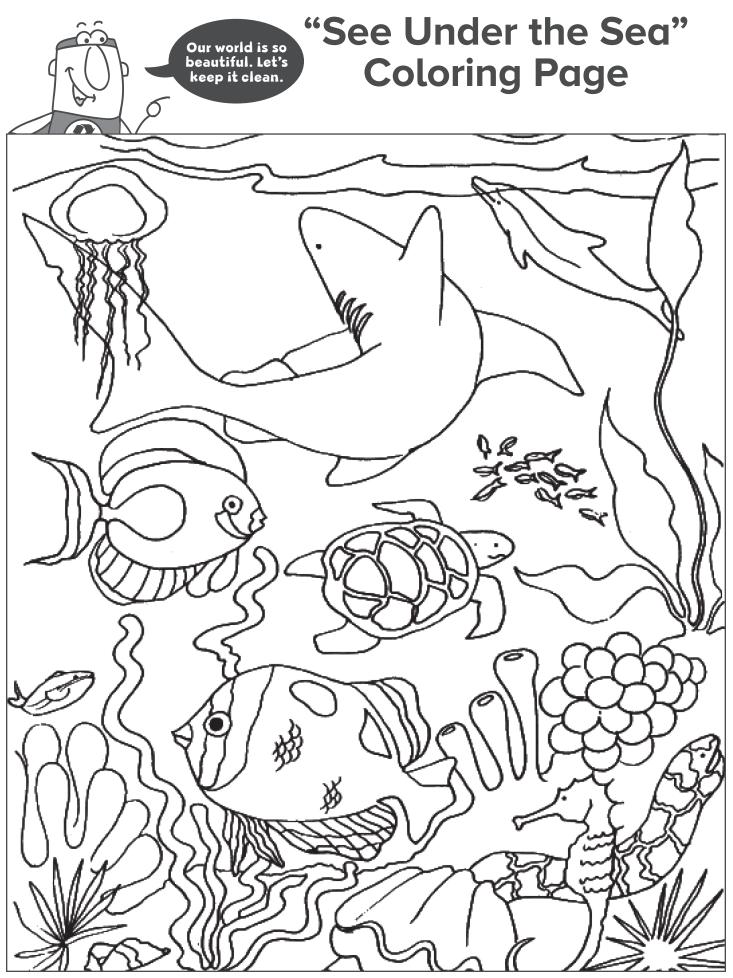
#### What's in the Neighborhood?



#### Find the following items that are made of plastic:

Eye Glasses Playground Toys Car Bumper Kitchen Utensils Television Hard Hat Child Bike Seat Coffee Mug Food Containers Dog Dish Mailbox Shower Curtain Window Box Trash Can Dog Collar Garbage Can

Watering Can Swimming Pool Window Shutters Bike Helmet Telephone Rain Gear Fishing Rod Toy Plane Toy Boat Sand Bucket Medicine Bottles Window Blinds Playground Equipment Gutters Swimming Pool Toys



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# **Compost Making Your Garden Grow**

### Ways to Reduce

A lot of the food you eat comes from plants. These are the fruits and vegetables you eat every day. Can you make a list of some of these foods? When plants rot, they become the food in the soil for the next season's plants. Another name for this rotting plant food is compost.

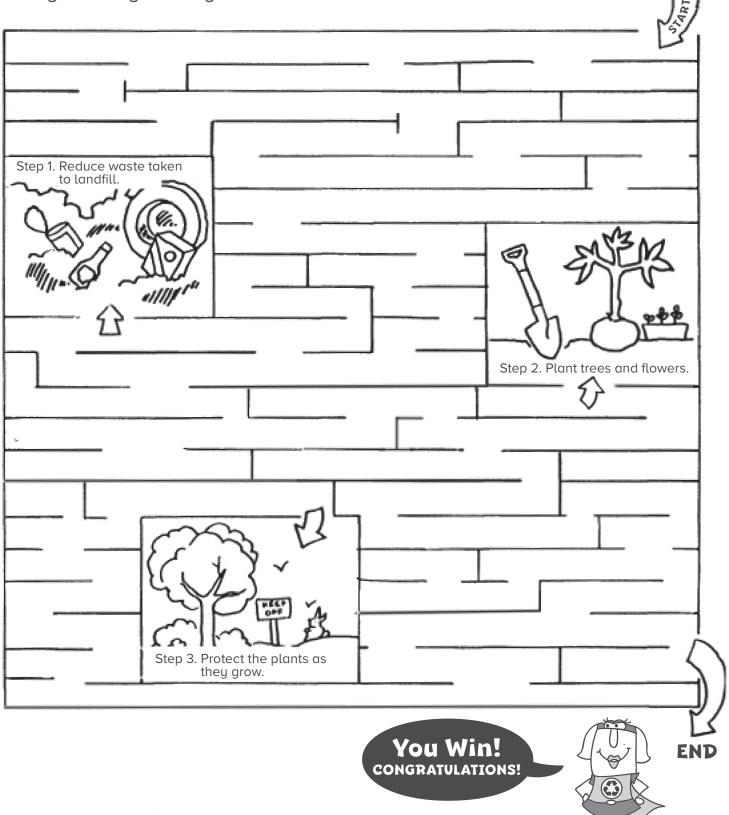
This means that your apple cores and potato skins become valuable nutrients for your own garden. You don't want to throw them away! Here are some suggestions for making your own compost pile:

- A good compost pile is made of layers. You can get manure or compost starter at a garden center, or perhaps you know someone who has a farm who will give you some. This is the first layer.
- The next layers are plant scraps, dirt, scraps, dirt, etc. Chop the scraps into small pieces so they rot faster. DO NOT use meat scraps, bones, dairy products or foods with oil in them. These things will start to smell.
- Keep a plastic container with a lid in your kitchen to collect the scraps you want to use in the compost pile.
- Keep your compost moist (not too wet but not too dry). Turn the pile with a shovel once a week.
- If all of this seems to be too big a project for you, then make it simple. Save the scraps in a container with a tight fitting lid for several months. In the fall, dig them in around your plants. Through the winter, the scraps will rot and become food for your plants.



# The Great Recycling Maze

Begin at the start arrow. Without crossing lines, follow the maze to Step 1. Then do the same to Step 2., and then to Step 3. Continue through the maze until you find your way to the end.

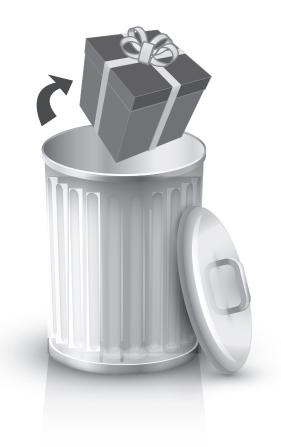


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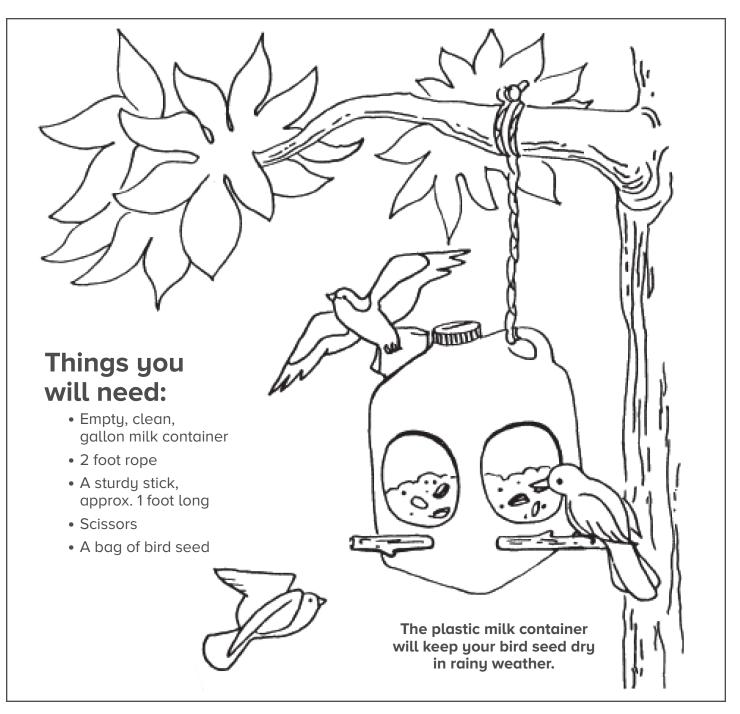
### The Next Few Pages will be About:

## Ways to Reuse

- **Milk container bird feeder.** Make a bird feeder from a plastic milk container.
- **Green is for growing.** Grow plants in plastic cottage cheese and yogurt containers.
- **Recycle castle.** Create a castle from cardboard tubes and boxes and other items you would normally throw in the trash.
- **Milk container marvels.** Fun and useful items you can make from gallon milk containers.
- **Soda bottle inventions.** Great gift ideas using soda bottles.



#### **Milk Container Bird Feeder**



#### **Directions:**

- I. Ask an adult to cut two 3" circles in the sides of your milk container (see picture). These should be 3" above the bottom of the container.
- 2. One inch below these holes, have an adult cut two smaller holes large enough for the stick to be pushed through. The stick should be snug so that it cannot slip out. The stick will serve as a perch for the birds while they are feeding.
- **3.** Tie one end of the rope to the handle of the milk container. Tie the other end to a tree limb high enough off the ground for the birds to be safe from other animals.

## **Green is for Growing**



Here is a way you can reuse containers instead of sending them to the landfill.

#### Things you will need:

- Container
- Compost or potting soil
- Packet of seeds
- A screwdriver to punch holes

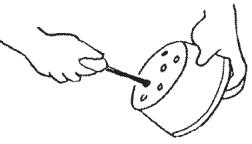
#### **Directions:**

I. Collect plastic containers. Cottage cheese or yogurt cups work great! (Save the lids to turn upside down and place under containers.)

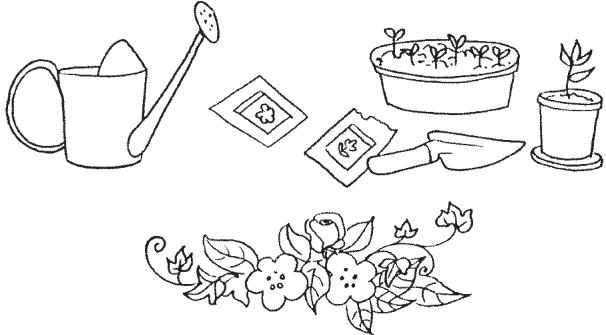




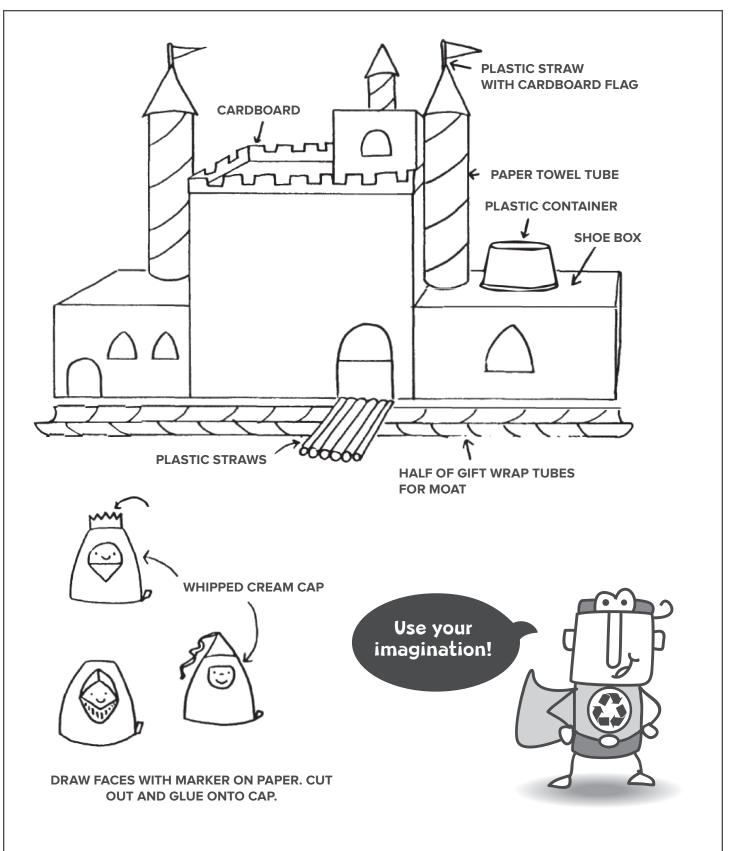
2. Have an adult use the screwdriver to punch holes in the bottom of container. This will allow water to drip out the bottom.



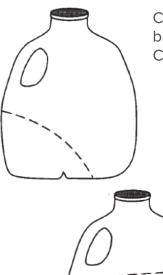
**3.** Fill the pots with compost or potting soil. Plant the seeds following instructions on the package. Water the plants and place them near a sunny window.



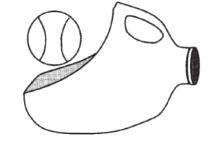
#### Make Your Own Recycle Castle

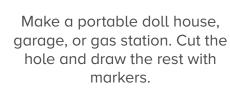


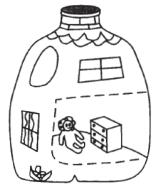
## **Milk Container Marvels**

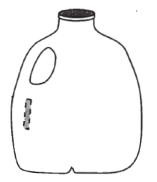


Create the pieces for a toss and catch game by making a scoop from a plastic milk carton. Cut the container as shown.

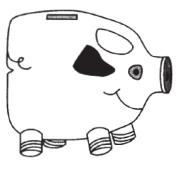








Make a piggy bank. Cut a slot on the side near the handle, glue on the ears and feet and use marker to draw the rest. Collect soda bottle caps for legs and fabric scraps for the ears.





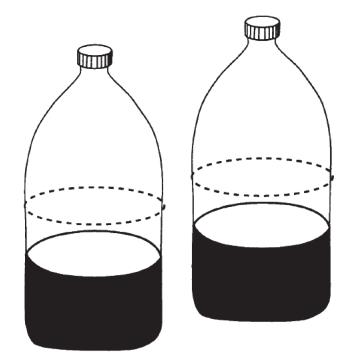
Make a watering jug. Punch holes near the top of a plastic milk container with a large nail. Use colorful tape, markers or stickers to decorate.

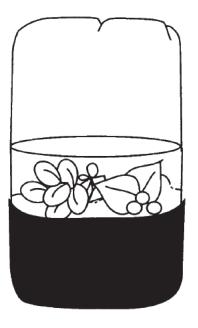


## **Soda Bottle Inventions**



Fill a two liter soda bottle with sand and decorate with felt, markers, or stickers to make a door stop.





Make a terrarium. Cut 2 two liter bottles in half. Place pebbles on the bottom, then layer with sand and then with soil. Arrange moss, ferns and seedlings in the soil. Lightly water. Use the other half as a cover, but remove the dark plastic so that the light can reach your plants. Do not glue the lid in place because you will need to remove it to add a little water.

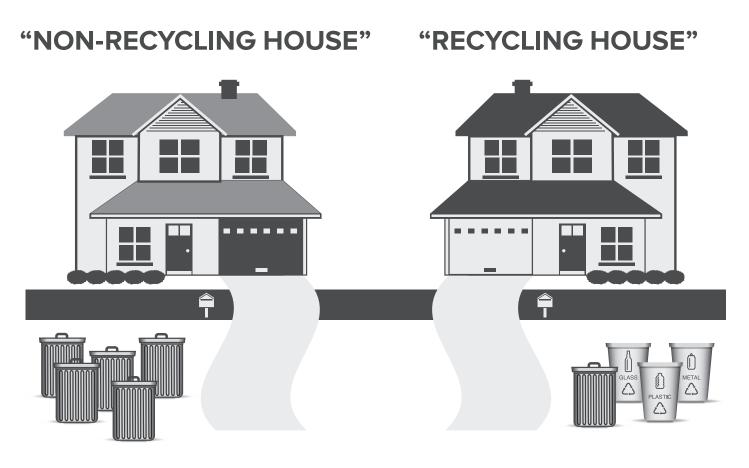
## The Next Few Pages will be About:

## Ways to Recycle

- Information. Which kind of house do you have?
- **Recycling challenge.** A quiz for the whole family to try.
- **Good news.** Find out how the world is learning to reduce, reuse, and recycle.
- **Examine your recycling knowledge.** Can you tell which items can be recycled?
- **Earthday word search.** Find the words listed in the box. Can you explain what they mean?
- **Recycle symbols.** This page shows the different recycling symbols.



## Which Kind of House Do You Have?



Packaging materials come in a variety of forms, including plastic. Plastic packaging is good because it's lightweight, helps keep things fresh, and protects the products inside.

Unfortunately, many of these packages are carelessly thrown away. Most of what we throw away can be reused and recycled.

A "Recycling House" is one where people take the time to think about things instead of just throwing them away. They separate their trash according to recyclable and non-recyclable items.

If you recycle, thank you for the time, trouble, and care you take to do this. If you have not started to recycle, use the information in this book to help you begin.

# **Recycling Challenge**

#### Does your family reduce waste by reusing and recycling?

#### 1. When you go shopping for groceries, do you:

- a. Take a paper bag and throw it away at home.
- b. Take a paper bag or plastic bag and reuse it at home.
- c. Take a reusable bag from home to carry groceries in.

#### 2. When you outgrow clothes, do you:

- a. Put them in the trash.
- b. Give them to your dog.
- c. Take them to a thrift or second hand store.

#### 3. When changing motor oil in the family car, do you:

- a. Take the oil to an automotive center for disposal.
- b. Flush it down the sink.
- c. Fertilize your lawn.

#### 4. After drinking a soda, do you:

- a. Smash and throw away the can.
- b. Take the can to be recycled.
- c. Throw it in a ditch.

#### 5. After reading the newspaper, do you:

- a. Throw it in the trash.
- b. Take the paper to be recycled.
- c. Decorate your neighbors yard.

#### Choose from the list of words to complete the sentence.

Natural	Aluminum	Recycling	Compost
Trees	Environment	Trash	Landfill
Plastic	Family	Waste	Berry

- 1. Separating your garbage so it can be reused is \_\_\_\_\_\_
- 2. Recycling saves valuable \_\_\_\_\_\_ resources.

3. A \_\_\_\_\_\_ is where garbage is buried.

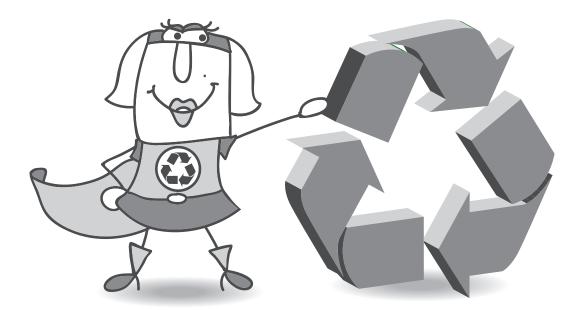
- 4. \_\_\_\_\_\_ is when you throw things away that can be recycled.
- 5. Recycling is something everyone in your \_\_\_\_\_ can do.
- 6. We put our garbage in a \_\_\_\_\_ can.
- 7. Newspapers come from \_\_\_\_\_.
- 8. Keeping our \_\_\_\_\_ clean is important.
- 9. \_\_\_\_\_bags and paper sacks can be recycled.
- 10. \_\_\_\_\_Global is a company that helps teach you about recycling.

8. Environment; 9. Plastic; 10. Berry

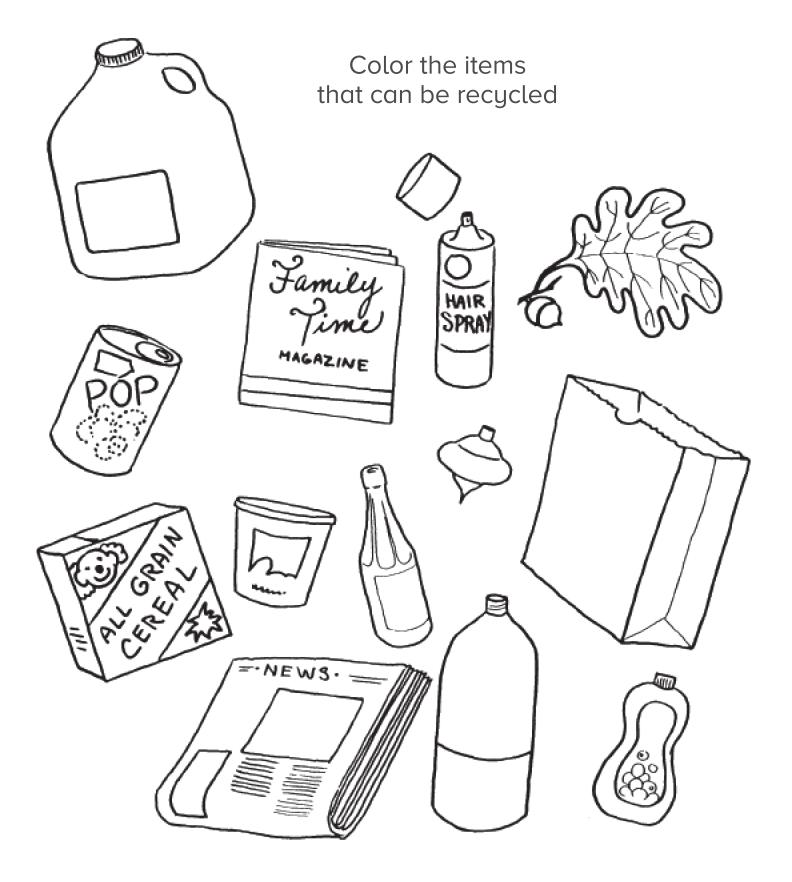
Answers: 1. Recycling; 2. Natural; 3. Landfill; 4. Waste; 5. Family; 6. Trash; 7. Trees;

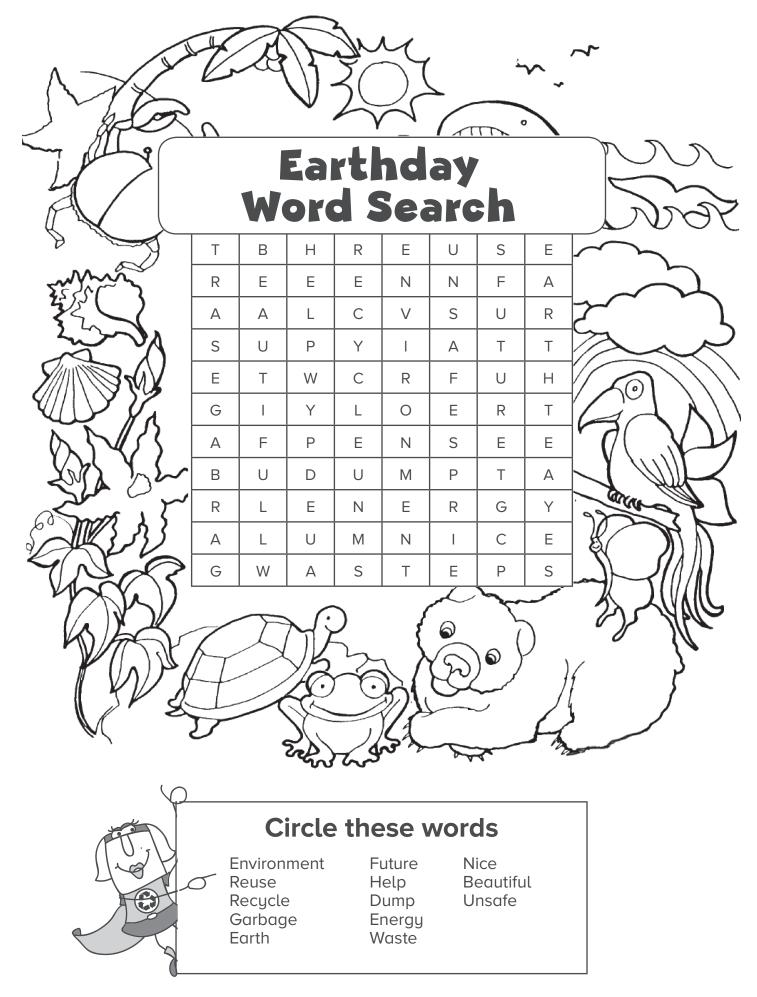
## Good News!

- You can now recycle most rigid plastics. Most communities accept all rigid plastics, excluding plastic toys, medical plastics, flower pots, and expanded polystyrene (aka Styrofoam). That means you no longer have to check the code to determine if you can recycle a plastic item because all rigid plastics, #1–#7, are accepted for recycling.
- Although you shouldn't put plastic bags and wrap in your recycling bin, most grocery stores offer plastic bag and wrap recycling!
- Plastic bottles can be recycled into new bottles or even "upcycled" into things like t-shirts. Did you know the plastic used to make soda and water bottles (#1 PETE) is the same as 'polyester', which is what PETE is called when it is used in textiles/fabrics?



### **Examine Your Recycling Knowledge**





# **Recycle Symbols**

The resin identification codes were developed to assist with recycling, **not** to imply an article is recyclable.



**Polyethylene Terephthalate** Soda, water bottles



#### Polypropylene

Yogurt cups, drink cups, bottle caps



**High Density Polyethylene** Milk jugs, laundry detergent, buckets, bottle caps



**Polystyrene** Drink cup lids, "Styrofoam"



**Polyvinyl Chloride** Water pipes, hair dye bottles



**Other** Barrier packaging



**Low Density Polyethylene** Lids, tubes

