Earth Day

Earth Day Patch Program

Complete 1 requirement to earn this patch

You can help the earth everyday not just on Earth Day! You can learn how to help the environment around you. Everything we do can help the world a better place. Complete one requirement to earn your patch.

1. Reduce the amount of trash that you throw in the landfill. Complete one of the following: Take a reusable bag with you when you go shopping, use a lunchbox for your lunch instead of a paper bag every day, use plastic containers to store your lunch to cut down on plastic and throw away containers,

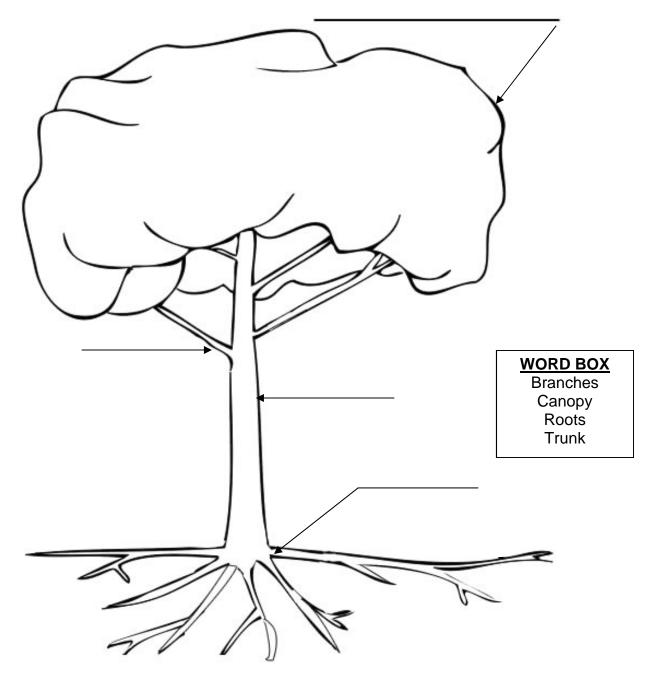
use a reusable water bottle instead of plastic pre-purchased water bottles, eat leftovers, OR eat on real plates instead of paper plates at home.

- 2. Find things in your home that you can reuse or repurpose into something new. Examples: Reuse a jar to create a bank for your spare change, reuse clothing you outgrown and fashion it into a bag, reuse plastic butter containers to hold leftovers or craft supplies, create crafts, household items, desk items into something useful. Check out our crafts for ideas.
- 3. When you recycle something it gets turned into something new. Learn more about recycling and start a recycle chart. Follow the chart for a week and see how many things you recycled OR if you already recycle make a list of items you recycle in your home and share it with others.
- 4. Don't forget to recycle your electronic equipment and cell phones. In some cases when you get a new computer they can be turned into local thrift stores, organizations, or churches that in turn fix them or give them to people that don't have computers. Cell phones are collected at many places and they issue them to people that need them. Participate in a program that recycles electronic equipment or cell phones OR donate a cell phone or computer to a drop off place or organization.
- 5. Conserve water and help the planet. Do one thing to conserve water in your home. Examples include: turning the water off when you are brushing your teeth, taking shorter showers, running the dishwasher when it is full, OR collect rainwater and use it to water your flowers.
- 6. Trees create oxygen, offer shade, relaxation, and create beautiful landscapes. Participate in a project that helps trees grow. Examples include: participating in Arbor Day events, adopt a tree, plant trees, recycle paper, print on both sides of paper, make your own paper, learn how to care for trees, learn how a tree helps us, parts of a tree, OR teach others the importance of trees.
- 7. We use electricity for many things. Learn how you can save energy at home and complete one task that helps conserve electricity. Examples include: turning off the lights when you are not in the room, unplugging things that you are not using [chargers, blow dryers, toasters], participate in earth hour, turning the TV off when you are not watching it, power down computers at the end of the day, use power strip and flip switch when gadgets are not in use, purchase more efficient light bulbs.
- 8. Earth Day is on April 22nd. Complete an activity about Earth Day or attend an Earth Day event. Examples include: Create posters for Earth Day, decorate grocery bags for local grocers, have an Earth day party and create crafts from recycled materials, play games, OR serve earth themed foods.
- 9. Be a designer and create a "new" package design for a product on the market. When you design the package decide which part of the package is not needed, create it out of recycled material, OR create the product so most of the package can be recycled. Make sure you place colorful designs and wording on the product how you improved the packaging. Such as: This box can be recycled, this box is smaller but has the same amount of food inside, OR this package is created from recycled materials. Share your design with others. For fun, create a new name for the "new" designed product or work in teams to create the design idea.
- 10. What will my water bottle turn into if I recycle it? There are recycle numbers beside the recycle symbol on your bottle. Take one item and learn what the items can be recycled into according to the number on the item, OR complete our recycle booklet on the symbols, OR visit a recycling center and find out more about sorting and recycling items. For example, if you look at a bottle and it has the number 1 in the center of the recycle symbol, usually found on the bottom of the bottle, then it could be used to create paint-brushes, bottles, containers, etc.
- 11. Did you know that some of the food we eat comes from trees? Learn more about the foods that we eat that come from trees. Have a taste testing of foods from trees OR create cards with descriptions of the food and on the back write the name of the tree OR make a list of trees that provide us food.
- 12. Play a game, complete a word search, or read a book that is about the environment or has a "green" theme.
- 13. Talk about littering and how trash left outside could harm animals and create a messy environment. Take action and complete one task to create a better outdoor environment.
- 14. De-clutter your home and have fun going through the things that you no longer need. Choose one or more things to recycle items that you have played with or worn. Examples include: donating your gently worn clothing to the less fortunate, recycle your crayons, donate or exchange your books at the local used book store, clean toys and organize games you don't need and donate them to Ronald McDonald Houses or shelters. Remember when you are donating items they should be in great condition so the next person can enjoy them as much as you did.



Parts of a Tree and What Can One Tree Do?

Add animals and other living things to the tree. What kind of tree do you want it to be? Color the tree and label the parts of the tree from the word box.



What can one tree do?

- Provides a day of oxygen for 4 people
- Lifts water from the ground and releases it in the air
- Keeps soil from washing away
- Creates homes for animals
- Provides shady area to relax
- Provides food to eat [apples, peaches, bananas, nuts, and syrup]
- Place to play and build a tree house

Earth Day Word Search

D A S S I S T R Q T F G C J R J O U P T P Е O Е В N G L S Е D T C Q Y VI Z A E U N O A O S Y O K Η Y P F R X U В A Z N S \mathbf{C} R Ε E O G C Y N S E D O Q M Ε L F I \mathbf{O} T R Ε M R R Α L \mathbf{O} R Е D U T В G S P Y Ε R Α X Α R \mathbf{Z} S L В \mathbf{C} В D R I P Η F M Y T Y U L T R J Α G В T O O I Ε Ε R T Ε Η N A L I O R R N E V E F \mathbf{W} Y T D J P P Ε G D A C C U M N O Ε L R U Α T U D N Α \mathbf{C} Y L O T Η I N G N Y Α Y P D F L В V N Q N E E R G \mathbf{O} G Η E G G Ε J N X X J W Z O В C R M



ANIMALS
REDUCE
FLOWERS
GROCERY BAG
PAPER
RECYCLE

ARBOR DAY CLOTHING FOOD LITTERING PLANT TREE ASSIST
EARTH DAY
GO GREEN
NEIGHBORHOOD
PLASTIC
REUSE

Covers requirement # 5 or #7

What do I know about helping the Planet?

What does the recycle symbol look like?	
☐ Hands holding a globe	
☐ Three arrows that create an endless loop	
☐ A tree with a heart on it	
Why should we plant trees?	
☐ Trees make oxygen for us to breathe.	
☐ Trees provide food for us to eat.	
☐ Trees are homes for animals.	
☐ All of the above.	
Which of the following items can you NOT recycle in front of your home?	
□ cell phones	
☐ Glass soda bottles	
☐ Plastic water bottles	
Which of the following items can you REUSE by donating or using it for so	mething else?
☐ Your gently worn clothing	
□ Cell Phones	
□ Computers	
☐ All of the above.	
Which of the following items can you do at home to help conserve water or	electricity?
☐ Turn the water off when you are brushing your teeth	
☐ Turn off the lights when you are not using them	
☐ Turn the computer when you are not home	(A)
☐ All of the above.	
Which of the following can you assist your family with to save the planet?	
☐ Bring re-useable bags to the store to place your items in.	
□ Pack you lunch in a re-useable bag	
☐ Use plastic containers for your lunch items, instead of plastic bags.	4.0
☐ All of the above.	
Name something you do at home to help save the planet?	

GO GREEN Page 6

RECYCLE CHART

Did you know that an average family usually throws away one ton of trash a year? Most of the trash in the average garbage can be recycled instead of being thrown away. If you recycle your products, we can cut down on the amount of trash in the landfills and the price of products we use daily. If you already recycle then you are already one step closer to protecting our planet.

To start recycling you usually need to sort the items in groups. Boxes should be flatten and plastic, glass, and aluminum containers should be washed out. The below chart will assist you in keeping track of your recycled items. (Requirement # 3)

DAY	# of Pla	astic products	#of gla	ass products	#of	paper products		ıminum ducts	Other
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									
Friday									
Saturday									
Don't forget to a they can be turn that don't have of them. (Requirer Electronic equip	ned into compute ment # 4	local thrift st ers. Cell phor -)	tores, or nes are o	ganizations, collected at r	or ch nany	urches that in places and the	turn fix they issue the	nem or give em to peop	e them to people that need
De-clutter your things to recycle									
gently worn clo	othing	recycle you crayons	r]	Oonate book	S	Toys		Games	
coloring books activity books t have not been u	hat	Bicycle or outdoor pla	y a	Exchange bo at used book store		Blankets or b curtains	edroom	OTHER:	

What will my water bottle turn into if I recycle it? Complete the booklet so you know what happens.

My Recycle Guide Book

Recycle 1

Underline the items that you recycle.

What has a recycle 1 symbol?

water bottles and soda bottles peanut butter containers salad dressing bottles vegetable oil containers

How can I recycle it? Picked up in front of your home.

Recycled into: Polar fleece, tote bags, furniture, paint brushes, and carpet.



List any other recycle 1 items:

Recycle 6

Underline the items that you recycle.

What has a recycle 6 symbol?

CD cases Egg cartons Disposable plates or cups Disposable containers

How can I recycle it? Accepted by most recycling companies on the curb.

Recycled into: light switch plates, rulers, cafeteria trays, and packing peanuts.

List any other recycle 6 items:



Cut out the booklet on the solid lines, not the middle line. Stack them in order of 1,2,3. Fold in half and staple. Use the blank pages to draw pictures and keep track of other things you recycle, reuse, or donate.

Recycle 2

Underline the items that you recycle.

What has a recycle 2 symbol?

milk jugs juice bottles
detergent household cleaners
combs shampoo bottles
butter tubs yogurt container

How can I recycle it? Most items are picked up in front of your home.

Recycled into: Recycle container, pen, picnic table, and detergent bottle.



List any other recycle 2 items:

Recycle 5

Underline the items that you recycle.

What has a recycle 5 symbol?

Some yogurt containers
Syrup bottles
Ketchup bottles
Some plastic caps

How can I recycle it? Accepted by most recycling companies on the curb.

Recycled into: rakes, trays, brooms, brushes, ice scrapers, and bird feeders.

List any other recycle 5 items:



Recycle 3

Underline the items that you recycle.

What has a recycle 3 symbol?

window cleaner detergent bottles windows medical equipment

How can I recycle it? Accepted by plastic lumber only.

Recycled into: flooring, cables, mats, fencing, garden hoses, and traffic cones.



List any other recycle 3 items:

Recycle 4

Underline the items that you recycle.

What has a recycle 4 symbol?

Squeezable bottles frozen food plastic container bread bags shopping bags

How can I recycle it? Accepted by most recycling companies on the curb.

Recycled into: trash bags, shrink wrap, trash cans and shipping envelopes.

List any other recycle 4 items:



Reuse Material Items to Create Something New

Denim Purse– create the purse as large as you like according to age and ability to sew.

Old pair of jeans Sewing machine or needle and thread Wide ribbon or cord (for the strap)

Optional decorative items that you might have: bright puffy fabric paints, iron on symbols, buttons, ribbons, decorative trim, material with flowers or decorative designs, (wonder under to apply the material to the purse)

Cut the pocket off the back of an old pair of jeans. Remember to cut about an inch around all edges to ensure you have sewing room. Cut out a piece of jean material the same size for the back side of the purse. You can also just use the leg portion of the jeans to create both sides of the purse using the pocket gives you more storage space in the front of the purse.

Decorate the pocket area with beads, buttons etc., before you sew the two pieces together.

Place the jean pieces together face to face and sew around three edges, leaving the top portion open. Turn the purse right side out. Measure the length of the strap according to the girl wearing it. Some like to wear it diagonal across the chest, so keep that in consideration. Attach the strap to the purse with a needle and thread.

How to decorate with wonder under. Lay the fabric over the wonder under and iron the pieces together. Once the fabric is cool, draw or stencil a design on the paper backing or cut out the design on the fabric. [see above we used a car and van] Position the design coated side down and iron in place on your purse.

T-shirt Pillows -You can use your favorite t-shirt you out grew or from a special occasion.

Favorite t-shirt you have outgrown Needle and thread Poly Fill stuffing

Choose a shirt that is decorative or colorful that you have outgrown. Examples: Princess shirt, 100 year celebration, camp shirt, etc. Stitch the bottom and sleeves closed. Place the stuffing inside and then sew the top shut. You can also use the sewing machine to make it quicker.

<u>Fast Curtains</u> -You can use your flat sheet of licensed characters or a color that matches your room.

Flat sheet, clean and not damaged

Curtain rod

Optional: Contrasting colored ribbon, 1/2 inch wide about 2 yards, and push pin.

Slide the wide sewn edge of the flat sheet on a curtain rod. Attach above the window. Tie a ribbon in the middle with a pretty bow or pull to the side with ribbon and place a push in in the ribbon to secure it. If you plan on closing the curtains, you should not use the push pin method. Optional: If you are pulling the curtains back you may wish to place a sheer white curtain behind it.

Crafts (continued)

Pillow Made with a Scarf

Turn Your Scarf Into a Pillow!
A very good scarf
2 hair scrunchies
Polyfill (pillow stuffing) – found at fabric or craft stores
Needle and thread or a sewing machine

Cut your scarf in half and sew them together side by side, creating a rectangle. Tie one end off with one hair scrunchie and fill it with polyfill. Place the hair scrunchie on the other side when done and you have a warm pillow!

Special Occasion Card Bookmark

Birthday Card or Holiday card Scissors Glue Stick

Cut out the designs on the front that you want on your bookmark. Cut out a rectangle from the back of the card. Glue the items on the rectangle covering up the writing. Place the bookmark in your book or give it to others as a gift.

Bottlecap Magnets

Bejeweled Bottle Caps
Bottle Caps
Hot glue or glue that sticks to metal
Adhesive magnet tape
Scrap pieces of decorative paper, old holiday cards, sequins, glitter, googly eyes, beads, etc.

Using a quarter as a guide, cut a circle out of decorative paper or old cards. Decorate it with markers, sequins, beads, rhinestones, glitter, and more. Let dry and place inside the bottle cap with hot glue. Place a magnet on the back of the bottle cap and place on your fridge.

Mini First Aid Kit

Metal candy tin
First aid supplies (band aids with antiseptic, wipes, etc.)
Paper, markers, and tape

Using the inside of the lid, trace the paper to fit for the cover and bottom of the container. Decorate any way you want, but make sure to write "FIRST AID" on it. Let dry and place items inside for a to-go first aid kit! You can also send these to needy causes with a nice note inside if you want.

Earth or Planet Themed Recipes

Tree Top Treat

5 cups of popcorn

3 cups of cinnamon or frosted cereal / frosted animal crackers

1 cup of salty peanuts

3/4 cup of brown sugar

6 tablespoons of butter

1/4 cup of caramel sauce and/or colored chocolate chips (regular are okay if you cannot find them)

½ teaspoon of salt (optional)

In a large bowl, mix the popcorn, cereal/animal crackers, and peanuts. Spread wax paper onto a cookie sheet and place the mixture on it. Microwave the caramel sauce and/or colored chocolate chips until melted. Drizzle it over the mixture and let cool enough to eat. Sprinkle salt on if desired. Place into cupcake liners or cups and eat your garbage!

Save the Earth

A bag of large marshmallows
White icing and green sprinkles
Large pretzel rods
Devil's Food cake mix and ingredients to make it
½ cup of Oreo© cookie crumbs (optional)
Flower, tree, or leaf sprinkles
Dark chocolate icing

Prepare the cake according to directions and place in a circle, square, or rectangle cake pan. Let cool and ice with the icing and sprinkle the flower, tree, or leaf sprinkles and Oreo© crumbs on top. Ice the entire marshmallows (about 8-10) with white icing and roll into green sprinkles. Place them on top of the same amount of pretzel rods and stick them into the cake. Enjoy!

"Grows on Trees" Pancakes

Pancake mix and ingredients to make it Fruit and/or nuts that grow on trees (cherries, bananas, nuts, apples, etc.)

Prepare the batter according to instructions and gently mix in the fruit and/or nuts into it. Heat up the skillet and spray with non-stick spray. Form small pancakes with a spoon and place on the pan when hot. Flip over when the side bubbles and cook throughly. Serve with maple syrup and orange juice, which both come from trees!

Go Green Themed Games

Go Green Memory Cards

Located on page 14 and 15 of this activity booklet are memory cards to *color* and *cut* out and glue on index cards.

Color the cards according to the name of the color on the card. Color and cut out and glue on index cards.

The game is best played two players so they can take turns finding the matches. If you have a large group, you can make several copies of the cards so you can create more than one game. Gluing them on index cards prevents them from seeing through the paper.

Save the Earth Card Game

Cards located on page 14 and 15 of this activity booklet are Go Green Cards *Make two copies of the cards so there are 4 of each kind.*

Color the cards according to the name of the color on the card. Color and cut out and glue on index cards.

The game is best played with 3-4 players. Each person is given five cards, the remainder is placed in a deck face down. The first player begins by asking for a match to anyone playing. If they do not have a match then they say "go green". The player draws a card from the deck. If they receive a match from a player or the deck then they lay it down in front of them. The first person that goes out with no cards in their hand wins.

Planting a Tree

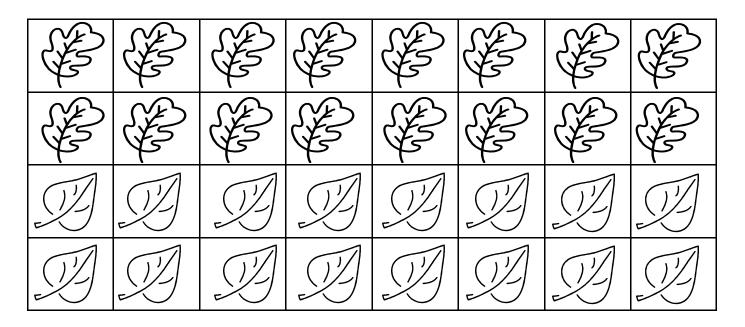
Board and game pieces are located on page 15. The first person to plant four [4] of their trees in a row wins. [Diagonal, vertical, or horizontal.] Cut out the leaves and use them for markers to place in the squares.

Guess the Food and Tree

Cut out the cards located on page 16 and 17 along the lines. Fold on the center line to hide the answer. See how many trees you can guess. Can you think of any other trees that provide food for us?

My "Planting a Tree" Game [First to 4 in a row

The first person to plant four [4] of their trees in a row wins. [Diagonal, vertical, or horizontal.] Cut out the leaves below and use them for markers in the above squares.



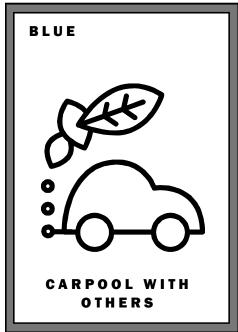


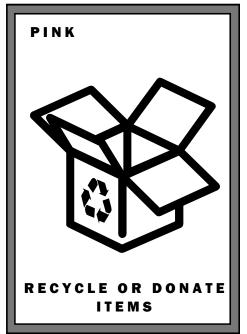




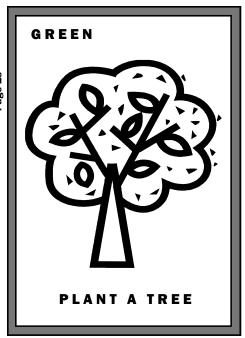


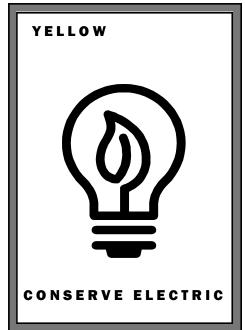








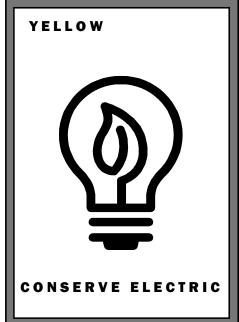
















Guess the Food and Tree Name?

Cut out the cards along the lines. Fold on the center line to hide the answer. See how many trees you can guess. Can you think of any other trees that provide food for us?

Fold on the line To create hide the answer.

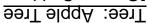


Tree: Peach Tree

Answer: Peach

I am a fruit that has a soft fuzz on the outside.

Granny Smith, Green, Red delicious, red, Golden Delicious, yellow.



Answer: Apple

I am fruit that is sometimes green, yellow or red depending on the tree.



Iree: Plum Iree

Answer: Plum

I am a fruit that is purple and grows on a tree.



<u>Tree: Cherry Tree</u>

Answer: Cherry

I am fruit that is small and red.

Guess the Food and Tree Name?

Cut out the cards along the lines. Fold on the center line to hide the answer. See how many trees you can guess. Can you think of any other trees that provide food for us?

Cut out the cards along the lines. Fold on the center line to hide the answer. See how many trees you can guess. Can you think of any other trees that provide food for us?

Fold on the line

Tree: Walnut Tree

Answer: Walnut

To create hide the answer.

I am a nut that has a hard brown shell. It is used on many desserts.



Tree: Sugar Maple, Red Maple, {taken out of trunk in the spring}

Answer: Syrup

I am a sticky substance that is ate on pancakes.



Answer: Coconut

I am a fruit that grows in the tropical islands. My shell is hard and the inside is white.



Iree: Banana Iree

Answer: Banana

I am fruit that is long and yellow.

ORGANIZATIONS THAT HELP OUR PLANET

Arbor Day Foundation- http://www.arborday.net/

Learn:

Detailed Tree Guide and Identification Tree Care Tips Learning With Nature Idea Book Online Games and Activities Grown your Own Tree Posters, Booklets, Videos, and Flyers

Plant It 2020- http://www.plantit2020.org/

Goal:

Every US dollar donated is directed towards the planting of an indigenous tree planted in the location in the United States and world wide where you choose. They increase the total number of trees being planted in a non harvest area.

They cover several states and over 40 countries.

Earth Hour- http://www.earthhour.org/

Goal:

Thousands of people around the world turn off their lights on March 31— from 8:30-9:30.

Earth's Birthday Project- http://www.earthsbirthday.org/ Goal:

To educate children about the earth. Teaching about conservation and using resources wisely.

Learn:

Order Butterflies or other insects
Hands on science activities
Invent a Rainforest Animal
Collect plastic bottles and ship to them in a postage paid box

Earth Day Grocery Bag Project

Goal:

Borrow grocery bags for decorations or decorate your brown lunch bag.

Decorate the bags with environmental messages

Use the bag you decorated.

Purchase your patch for participation through Patchwork Designs.

Solution

	l															
ROW 1	D	A	S	S	I	S	Т	R	+	+	+	G	С	+	R	
ROW 2	+	0	+	Р	+	+	E	+	+	+	N	G	L	+	E	
ROW 3	D	+	0	+	Α	С	+	+	+	I	+	Α	E	+	U	
ROW 4	+	0	+	Н	Y	Р	+	+	R	+	+	В	Α	+	S	
ROW 5	+	+	0	С	R	+	E	E	+	+	+	Y	Ν	S	E	
ROW 6	+	E	L	F	I	0	Т	R	+	+	+	R	Α	L	+	
ROW 7	+	E	A	+	+	Т	В	+	+	Р	+	E	R	A	+	
ROW 8	+	+	+	R	I	+	S	Η	L	+	+	С	В	M	+	
ROW 9	+	+	+	L	Т	R	+	Α	G	+	+	0	0	I	+	
ROW 10	E	E	R	Т	E	Η	Ν	+	L	I	+	R	R	N	E	
ROW 11	+	+	+	W	+	Т	D	+	+	Ρ	E	G	D	Α	S	
ROW 12	+	+	0	+	+	+	+	A	+	+	+	N	A	+	U	
ROW 13	С	L	0	Т	Н	I	N	G	Y	+	+	+	Y	+	D	
ROW 14	F	+	+	+	+	+	N	E	E	R	G	0	G	+	E	

(Row, Letter, Direction [up, down, across, diagonal)

ROW 15

ANIMALS (row 11, letter 14, up, backwards)

ARBORDAY (row 6, letter 13, down)

ASSIST (row 1, letter 2,across)

CLOTHING (row 13, letter 1, across)

EARTH DAY (row 6, letter 2, diagonal down)

FLOWERS (row 14, letter 1 up, diagonal)

FOOD (row 6, letter 4, diagonal backwards)

GO GREEN (row 14, letter 13, backwards, across)

GROCERY BAG (row 11, letter 12, up,backwards)

LITTERING (row 9, letter 4 up, diagonal)

NEIGHBORHOOD (row 12, letter 12, up, diagonal, backwards)

PAPER (row 2, letter 4, diagonal down)

PLANT (row 7, letter 10, down, diagonal)

PLASTIC (row 11, letter 10 up diagonal backwards)

RECYCLE (row 1, letter 8, down, diagonal)

REUSE (row 1, letter 15, down)

REDUCE (Row 15, ltr 15, up, backwards)

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