



America Recycles Day Patch Activities For Grade 6



Answer the following questions.

1. List at least three different ways to reduce or reuse paper:

- 1.
- 2.
- 3.

2. List six different items that can be recycled:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

3. Explain why it is important to reduce, reuse, recycle, and rebuy, OR older students may explain the difference between source reduction and reuse.

4. Name a way each of these items can be reused instead of throwing them away.

Cardboard Box _____

Plastic Milk Carton _____

Glass Jar _____

Wooden Board _____

Plastic Bag _____

Newspaper _____

5. Find out where your nearest recycling center is located and write the address below:

6. Find out what items are accepted for recycling at your recycling center.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

7. If you have curbside recycling at home, list what items are accepted:



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Complete FOUR (4) of the following activities.

Activity 1

Answer the following questions.

1. List three ways you can help the environment in your community, at home, and at school.

1.

2.

3.

2. Visit one of the four following locations and describe your experience:

Landfill (Find out where our trash goes when we throw away)

Architectural Salvage Program: Significant Elements (Offer to volunteer for the program for a few hours and learn a lot!)

Recycling & Solid Waste Center (Find out what happens to your recyclables and go for a tour)

Reuse Store (Visit a local reuse center or thrift shop in your community)

3. If your school has a recycling program, develop ways to educate the school and increase participation in the program, if not then write down ways that you start a recycling program in your school.

List some ideas or things you did:

4. For one day pick up litter from a local park, school, or other common area.

Separate the trash from the recyclables. Describe your experience:

Activity 2

Complete math problems and show work.

Approximately 30 percent of our garbage is paper or paper products. If the average person throws away 1,460 pounds of trash a year, how many pounds of this trash is paper or paper products?

Americans throw away 2.5 million plastic bottles every hour. How many plastic bottles are thrown away in one day in America?

Activity 3

Choose ONE (1) of the following: Refer to additional packet.

1. Make Recycled Paper
2. Create a "recycled" or "trash" art sculpture.
3. Write a poem about reduce, reuse, and recycling.

Activity 4

Complete the following games. Refer to additional packet.

1. How Long Will it Last????
2. Crossword Puzzle
3. Word Jumbles

Activity 5

Choose TWO (2) of the following:

1. Develop a project plan that would help solve an environmental problem.

Reduce an environmental impact or increase environmental awareness in your community. Include plans for a specific project that could be done by your class or troop. Describe the project:

2. Imagine you manage your own supermarket.

What are some things you can do to reduce the amount of waste caused by the products they sell?

Visit your local super market and see what things they do such as recycle cardboard or compost produce waste. List five things you observed.

- 1.
- 2.
- 3.
- 4.
- 5.

3. Visit a local supermarket or office supply store and find 15 items that contain recycled-content. List percentage and type of recycled-content material.

Item	Percentage (%) Recycled Content	Type of Material
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		



**America Recycles Day Patch
Activities Packet For Grade 6**





Making Recycled Paper



Materials Needed:

- Waste paper of various grades and colors (white or colored bond, construction, crepe, notebook)
- Screens - any window screen (nylon works the best), cut into the size of your choice (tape the edges for safety)
- Sponges and rags
- Blender
- Plastic tub or bucket
- Stack of old newspapers, divided into sections
- Additives (optional) - Dryer lint, seeds, feathers, string, dried flowers, etc. can be pressed into the pulp when pressing out the water.

Making the Paper:

1. About two 8 $\frac{1}{2}$ x 11" sheets equal one piece of recycled paper. Tear waste paper into small strips and tear small strips into small squares. Fill a blender about $\frac{1}{2}$ full with the paper scraps and then cover them with water (an inch or two past the top of the paper).
2. Run the blender on high until the contents are well blended and mushy. The wet paper pieces are called pulp, and the mixture is called a slurry.
3. Place the screen over the plastic tub and pour the slurry from the blender onto the screen. Shake the screen back and forth a bit to distribute the slurry evenly. Then, lift the screen up by spreading your hand underneath it, and let the water drain in the tub for a few seconds.
4. If you will be pressing items into the paper, add them now. Place another piece of screen over the paper pulp and press the two screens together between your hands, squeezing the water into the tub. Dab a sponge over the screen to help squeeze the excess water out.
5. Lay the screens enclosing the paper pulp on a section of newspaper. The newspaper will help absorb water out of the new piece of paper. With the sponge on top of the screen, press water out of the paper, flattening the pulp as you go. You can also use the edge of the sponge (or your fingertips) to shape the paper onto the screen.
6. When you have pressed most of the water out of your paper with the sponge, carefully lift off the top screen and, with a flat hand supporting the entire screen, hold the bottom screen with pulp as you turn the newspaper stack over, exposing the dry side. Set the screened unit, pulp side down, on the dry side of the newspaper stack.
7. Carefully peel away the screen from the new paper. Allow paper to air dry overnight or in a sunny place for a few hours.

Enjoy your recycled paper by using it to make cards, picture mats or other beautiful craft projects!

"Recycled" or "Trash" Art Sculpture

Directions:

- Use mostly recyclable or trash items to make your sculpture. Use as many recyclable items OR trash items OR any combination to create your art sculpture!
- Please limit the size of your sculpture to no larger than 2 x 2 x 2 feet.
- Please include a brief description, on separate sheet of paper, about the artwork including but not limited to; name of piece, materials used, what the piece represents or reflects, etc.).

Submitting Sculpture:

Please send your description and several pictures of your sculpture by Email, as attachments, to segan@tompkins-co.org, or by Mail to:

Tompkins County Solid Waste Management Division
Attn: America Recycles Day Patch Program
122 Commercial Avenue
Ithaca, NY 14850



Write a Poem

Directions:

- Write a short poem about ONE or ALL of the 4R's, Reduce, Reuse, Recycle, and/or ReBuy. You may also write about composting, another environmental issue, or expresses your relationship or connection to the environment. Refer to Topic Suggestions page.
- Can be typed, double-spaced in Times New Roman or similar font, or NEATLY hand written, in print.

Submitting Poem:

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How Long Will it Last????

Write Down How Long You Think The Item
Will Last Before It Decomposes (rots)!

Some answers are used more than once.

PICK FROM THE FOLLOWING

1 - 3 Months

10 - 20 Years

200 - 400 Years

1 - 5 Years

100 Years

More than 500 Years

ALUMINUM CAN



GLASS BOTTLE



METAL CAN



CIGARETTE BUTTS



PAPER CUP



BANANA PEEL



DISPOSABLE DIAPERS



WOOL SOCKS

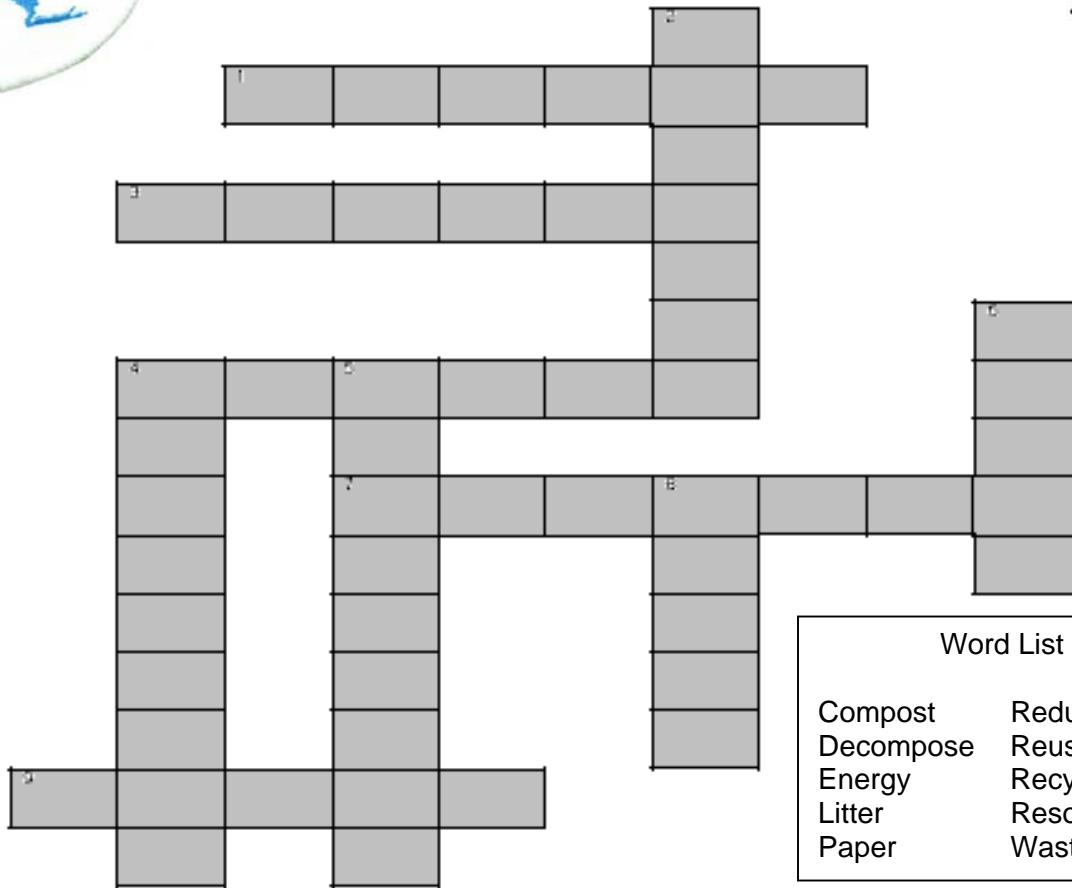


6-PACK HOLDER





Crossword Puzzle



Word List	
Compost	Reduce
Decompose	Reuse
Energy	Recycle
Litter	Resources
Paper	Waste

Across

1. Trash discarded along roads, shorelines and other places.
3. When we recycle, we save _____.
4. To not make garbage to begin with.
7. Leaves, grass clippings, and fruit and vegetable wastes.
9. To use something over and over again.

Down

2. Take materials that would otherwise be waste and turning it into something new.
4. When we recycled we save our natural _____.
5. When materials compost, they _____.
6. Things we throw in a garbage can.
7. We throw away a lot of this everyday.



Word Jumbles

Unscramble the Words and Solve the Puzzle

DECUER

--	--	--	--	--	--	--	--

LMATE

--	--	--	--	--	--

LCYREEC

--	--	--	--	--	--	--	--

STOOMCP

--	--	--	--	--	--	--	--

TCPASLI

--	--	--	--	--	--	--	--

EUSRE

--	--	--	--	--	--	--

ULOTNIOPL

--	--	--	--	--	--	--	--	--	--

EPRPA

--	--	--	--	--	--	--

SAGLS

--	--	--	--	--	--

YBU DECCLEWR

--	--	--	--	--	--	--	--	--	--

If You _____,

You Use Less _____!