

Student Art Show

No More Waste: Reusing, Reducing, Recycling

The Ward Museum is dedicated to reducing waste and spreading awareness of the amount of waste we use by recycling for ourselves and for our community. There are many creative ways to utilize and repurpose materials that are often thrown out as waste in our daily lives. Recycling and reusing can reduce the amount of waste, conserve natural resources, prevent pollution, save energy, and even cut costs. A few ways you can help is by saving reusable items, like plastic takeout containers or utensils, donating old clothes or cutting them up to use as old rags, etc. Many things can be repurposed or reused instead of being thrown away, or even before being recycled. This helps prevent the amount of waste that ends up in landfills, which not only benefits yourself, but your community and surrounding ecosystems. For this year's Student Art Show, we would like students to use their creativity in one or more of the projects below, to show us how using recycled materials can be formed as pieces of art and/or repurposed into useful items. By transforming recyclable items into art, you are not only producing beautiful work, but bringing positive attention and ideas for others to help reduce waste and better our community.

Don't forget to recycle or reuse any leftover material from your projects!

Calculate your Impact

Subject: Math

Below are options for you to choose from:

- Calculate how much trash they generate in a day, week, month, and year.
- Calculate how much trash their family, the school, their city or town, and their state generates per year.
- What are some ways they could reduce their CO₂ emissions? Calculate how much it would reduce their emissions if their family used public transportation to go to school and work, used energy-efficient lightbulbs in their house, switched to a vegetarian or vegan diet, etc.
- If they reduced their CO₂ emissions by 1/3, how much would CO₂ would they produce? How much CO₂ would they save?

Home Energy Audit

Subject: Math

- Make a list of all the appliances and light bulbs in your house. How much energy does your house use if all the lights are on for 4 hours per day? If all appliances are on for 2 hours per day? How much energy could you save if you switched to energy-efficient appliances or lightbulbs?

- For younger students, you can provide estimates of how much energy household appliances use to simplify the project. For older students, you may want to show them how to use a watt meter so they can measure their own energy use.
- Plans from: <https://www.plt.org/educator-tips/reduce-reuse-recycle-lesson-ideas>

Resource: <https://www.plt.org/educator-tips/reduce-reuse-recycle-lesson-ideas>

Create your own Field Journal

Subjects: Science and Art

Materials needed:

- Cereal box or cardboard
- Unused notebook paper/ paper bags/ old artwork etc.
- Previously used envelopes
- Pencil
- Ruler
- Glue
- Scissors
- Stapler, string and hole puncher *optional
- Tape
- Markers/ colored pencils/ crayons/ paint etc.

Instructions:

1. Use the ruler to cut two pieces of the same size from your cardboard/cereal box. Use a ruler for correct measurements. (Must be 8x10 or smaller)
2. Take your paper and stick it between the two cardboards pieces. Trim all the paper to fit neatly in between your front and back cardboard pieces.
3. Choose how you would like to decorate the front and/or back of the journal. You can make it as creative or simple as you would like. You can color directly on the cardboard or glue, staple, or tape colored paper, old artwork or magazine cutouts to your journal. Use your preferred medium to decorate.
4. Glue or tape an envelope inside the front or back cardboard. This can be used to hold your pens or pencils to write down your notes.
5. Once all decorations are complete, line up all cardboard and papers in order and staple along the spine. If the journal is too thick, hole punch the journal and use string to keep it together.

Below is a resource to help better create your journal: <https://www.scholastic.com/parents/books-and-reading/raise-a-reader-blog/craft-kids-journal-recycled-materials.html>

Create a TikTok or post on Instagram using our

Subjects: English, Social Studies, and Drama

- Get creative with social media! Create a TikTok about one or all of the three R's (recycle, reuse, reduce), or about facts of how waste affects our communities and ecosystems. You can make a skit, dance, lecture, photography by you, etc. Be as creative as you want!
- Interview the community.
- Find small businesses and ask how they reduce, reuse, or recycle. What do the small business owners of our community do to help?
- Have a conversation with them on what they are doing and what they think we as a community can do better.
- Create a small documentary on recycling. It can be about your household, school, county, or even your state. Show what recycling they do and show what they can improve upon.

Comic Strip

Subjects: English and Art



<https://greenplanet4kids.com/eco-family-comic-strip>

Use your imagination and create a comic strip about recycling. You can create a story about someone who is learning to recycle and why it is important or use your own experiences with recycling. Be creative with your style. Some examples are modern cartoon style or Japanese cartoon style or animation.

Instructions:

- Gather sheets of paper and determine how many pages you might need.
- Write a short script out beforehand
- Sketch out your story
- Plan your layout
- Start drawing!

Write a short story or poem about recycling!

Subject: Creative Writing

Write a short story or poem about recycling. You can draw from your own experiences or create a story about how the effects of recycling make you feel and what you can do to promote change. Grab a pen and express your thoughts!

For Example:

RECYCLING IS by Victoria Tang, Grade 4 Edward J. Patten Elementary School Perth Amboy

Recycling is... A hungry animal, eating trash, then spitting out brand new items. It is putting an old bottle into a machine and watching it change into something new. Recycling is...renewing a soda can, a bottle a stack of newspapers. Breaking down today's trash and turning it into tomorrow's prized possessions. It is looking at pictures of endangered animals and knowing you did the right thing. Recycling is the future of waste disposal.

Resource:

https://www.nj.gov/dep/dshw/recycling/awards/poems_winners_07.pdf

Create a Graph or Chart

Subjects: Social Studies, Math, and Science

Create a chart or graph using found objects showing these differences.

- How do other countries compare to ours?
- How much trash do different countries generate in a day, month, year?
- How do they recycle differently?
- What do they do that is better or needs to be improved?

For example: Graph the recycling rates of plastic for each country.

Try using bottle caps or any means of recyclables to fill in the graph or chart!

HOW TO MAKE



A WASTE PIE CHART

Upcycled Art/Abstract

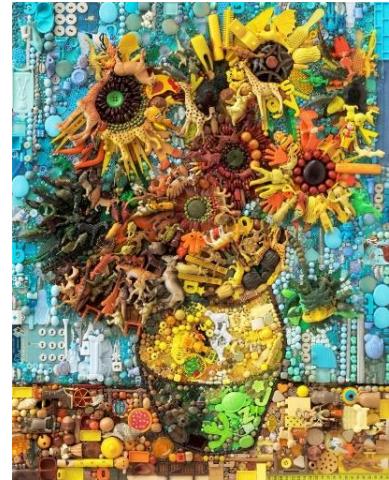
Subject: Art

Create an abstract piece (2D or 3D) about recycling and what it means to you. You can use any found objects you like. For example: plastic bottles, soda cans, newspaper etc. Listed below are some examples you can use on or with your found objects.

- Photography
- Charcoal
- Oil Paint
- Acrylic Paint
- Water Colors
- Ink and Pen
- Chalk

For inspiration, listed below are some artist who create Upcycled Art:

- Gerhard Bär
- Yuken Teruya
- Michelle Reader
- Jane Perkins



Resource:

<http://www.theartofupcycling.com/2015/08/the-art-of-up-cycling-recycled-magazine.html>

Creating Paper Mache birds out of Recycled Newspaper and Found Objects

Subject: Art

Create your own bird! Using Paper Mache and found objects you can create your favorite bird. (This is our recommendation for Paper Mache but you may choose other animals. i.e. sea turtles, fish or dolphins)

Materials needed:

- Recycled newspaper
- Tape
- Glue
- Water
- Recycled container
- Scissors
- Paint brushes (for gluing and painting)
- Thin cardboard
- Acrylic paint
- Markers
- Tissue paper
- Pipe cleaner
- Googly eyes
- Found objects of your choice
(bottle caps, straws, plastic bags, six-pack rings)



Instructions:

1. Take a sheet of newspaper and crush it into a pear shape. (Depending on your favorite bird you can modify the shape)
2. Tape the newspaper into place
3. Cut tissue paper into strips about a $\frac{1}{2}$ inch wide
4. Pour glue into a recycled container add water. Using 1-part glue, 1-part water.
5. Dip strips into mixture and start covering your bird. Overlap strips for strength and smooth them down. Use excess strips to soak up any excess dripping.
6. Leave overnight to dry. Rotate for evenness.
7. Using the cardboard, cut out wing tail shapes.
8. Coat the cutouts with the Paper Mache, then add them to the bird. Use overlapping strips to hold the wings and tail in place, and let dry.
9. Paint the bird with the acrylic paint and use the markers to create the feather and eye detail. You can also attach the googly eyes at this point.

10. Use the pipe cleaner or plastic straw to form the feet and legs
11. Use a needle to punch holes in the bottom of the bird for the legs. You can use glue on the holes to hold the legs better.
12. Let dry.
13. Add your found objects! You can cut up plastic bags or six-pack rings to add texture and color to your bird. This is your chance to be creative and decorate your bird!

Resources:

<http://www.thatartistwoman.org/2010/09/paper-mache-birds.html>

<https://ianetomlinson.com/make-paper-mache-birds/>

Make a Quilt

Subject: Art

Time to get cozy! Making a quilt is a great way to recycle old clothes, sheets or blankets. Materials you may need:

- Old clothes and/or sheets (T-shirts, jeans, pajamas, blankets, sheets, pillowcases). These will be made into fabric squares.
- Sewing machine
- Scissors
- Iron

Below are links for instructions:

<https://www.wikihow.com/Make-a-Quilt-from-T%E2%80%90Shirts>

<https://homeguides.sfgate.com/best-measuring-tapes-for-diy-projects-13768641.html>

<https://www.greeninreallife.com/how-to-make-patchwork-recycled-tshirt-quilt/>

Bottle Cap Mosaic

Subject: Art

Materials:

- Multiple colors of plastic bottle caps
- Large piece of board or plywood (at least 2' x3')
- Pencils or markers to draw
- Non-toxic tacky glue or caulking
- Optional: Image to replicate for the mosaic design

Instructions:

1. Collaboratively choose or design an image to create a mosaic of. For example, the students might want to choose a well-recognized painting like Van Gogh's starry night or a common animal or decide to draw their own nature/underwater scene. Make sure it is somewhat simple and easy to replicate. Using simple color patterns and shapes will create success. Re-making it with bottle caps will make it resemble the technique of pointillism.
2. Collect bottle caps. Try to get bottle caps of various colors – save ones you use, ask your friends to save theirs and pick up bottle cap litter.
3. Clean bottle caps. Soak the caps in warm soapy water to get the sugar and grime off of them.
4. Sort bottle caps by color depending on the colors in the mural. You may want to group together warm colors, cool colors or be very specific separating light blues from dark blues.
5. On the board, draw the outline of the images or design of the mural.
6. With colored markers ,label or signify the color scheme.
7. Work together to place the bottle caps in the correct places. Communication is key!
 - It might be beneficial to place multiple bottle caps down without glue first as a 'test' so everyone can approve of colors, design and have a better idea of the process.
 - To organize efficiently students can be in charge of single colors throughout the process.
8. Put a small dot of glue on the bottom/flat side and place in the appropriate space.
9. Work from the inside of the piece to the outer edge. Because bottle caps are not malleable some might 'overflow' over the edge of the piece.
10. When working on a large piece it is helpful to lean it against a wall and look at it from farther away. This will give you a better overall sense of color and design.
11. Be creative! Use bottle caps of different sizes to make it more interesting.

Other options:

- Cut the board or wood into different shapes and sizes to create animals, plants, abstract figures or even portraits.
- It is sturdier if the bottle caps are nailed or screwed to the board. For a longer lasting mural this is a more durable approach.

Author: Angela Haseltine Pozzi

Stars and Moon Mobile

Subject: Art

Materials:

- UHT or long-life cartons with the silver lining inside
- Scissors and glue
- A pencil, pen or marker
- String or yarn
- Blunt darning needle, mathematical compass or a suitable tool to make holes for the string
- A stick, rod, coat hanger or similar (you'll use it to suspend the stars and moon).

Instructions:

1. Cut the cartons open and make sure the insides are clean and dry.
2. Draw a star on the silver side of a carton. You can draw your own star or use the one below as a template. Then cut out your star.
3. Trace the outline of the star onto another piece of carton, then cut out your second star.
4. Glue the two stars back to back, so that the silver sides are on the outside.
5. Use a blunt darning needle, compass point or similar to punch a hole in one arm of the star. Thread a piece of string through the hole and tie a knot so that your star will dangle on the end of the string.
6. Repeat these instructions to make a moon and more stars. You might like to make big stars and little stars.
7. Tie the ends of the strings to your stick, rod or coat hanger. You might like to have your stars and moon hanging at different heights.
8. To finish your mobile, tie another piece of string to the stick, rod or coat hanger so that you can hang it up from above.

Options:

- You can choose a different theme for your mobile. Stars and a moon are just one suggestion.
- If you can't find a suitable stick or rod, you can tape a few wooden skewers together

Resource:

https://slco.org/globalassets/1-site-files/recycle/teacher_resources/recycledartsandcraftsguide.pdf

Having trouble making your own art? Participate in the Heron Project!

The Great Blue Heron sculpture is an alternative activity that will be taking place during the duration of the Student Art Show. The sculpture will begin as just the frame of a Great Blue Heron , and students and their families who enter the museum will add various colorful plastic bags (museum provided) to build the outer layer of the Heron, eventually bringing it to life. This sculpture is a great alternative for those who are especially interested in participating in the Student Art Show, but do not have time or resources to create a piece for the show.



Put yourself in action and help your community!

- What can you do to Improve recycling in your area?
- What is something beneficial you can do yourself?

There are many ways to help recycle by doing small things around your community. Here are a few resources to better educate yourself on recycling and helping the environment locally.

<https://www.facebook.com/GreenSBY/>

<https://www.wicomico.org/654/RECYCLING-DROP-OFF-CENTERS>

<https://www.salisbury.edu/administration/administration-and-finance-offices/sustainability/recycling.aspx>

<https://locations.call2recycle.org/md/salisbury/42569/>

<https://salisbury.md/guides/home-composting>

<https://salisbury.md/park-tree-item-donations>