this thesis is ***TRASH***

empowering people to rethink waste

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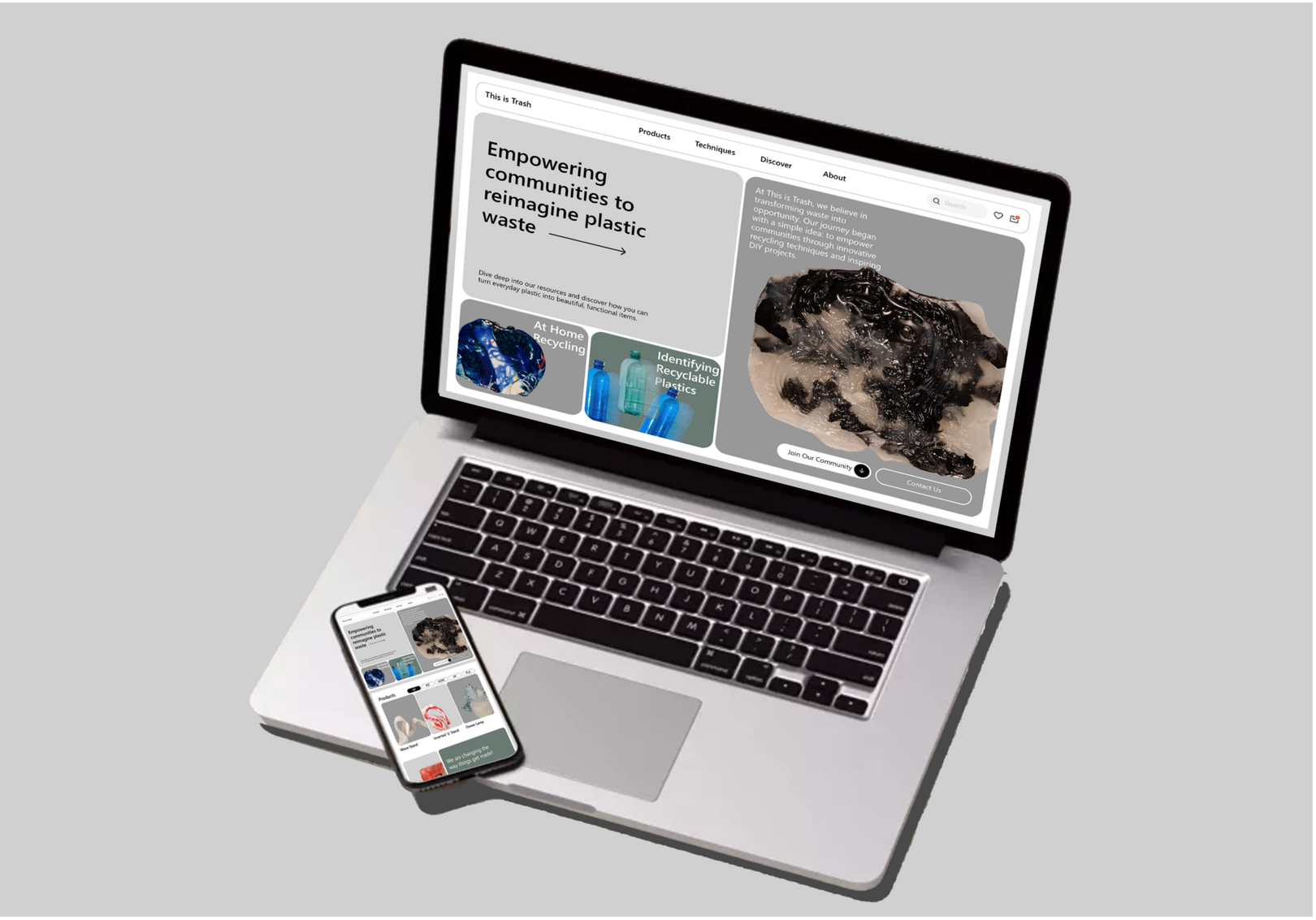
2316816



Website Model

A website can house an extensive range of content, including detailed guides, infographics, and how-to articles on various recycling techniques, catering to both beginners and experts. A well-designed website can serve as a central hub for information on recycling techniques, making it easy for users to access tips, tutorials, and resources from anywhere making the information accessible. The site can promote a sense of community through forums, social media integration, and user-generated content, encouraging individuals to share their own recycling successes and challenges.

The website can serve as a platform for educational campaigns, reaching schools, businesses, and communities to promote recycling awareness. It act as an open source of information with downloadable PDFs for different techniques and products. It can also involve a language feature that increases the reach of the information.

This is Trash

Products Techniques Discover About

Search

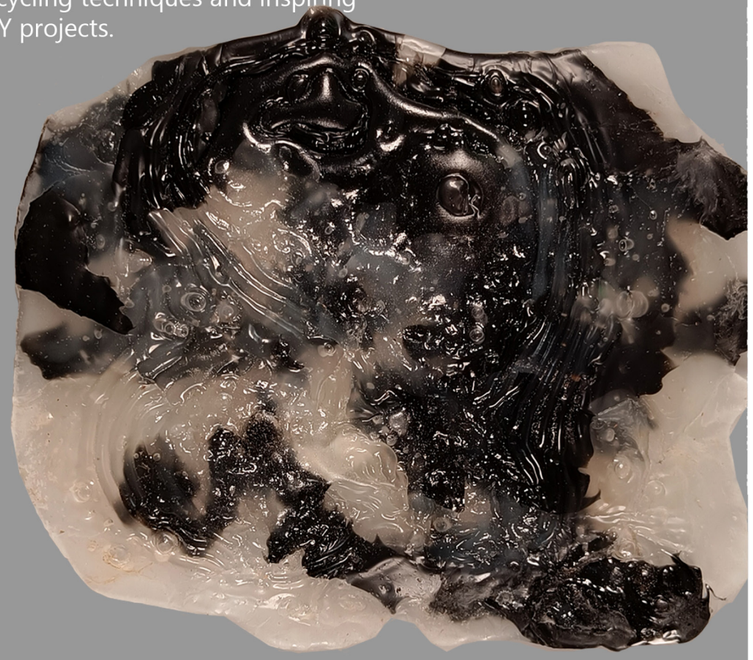
Empowering communities to reimagine plastic waste →

Dive deep into our resources and discover how you can turn everyday plastic into beautiful, functional items.

At Home Recycling

Identifying Recyclable Plastics

At This is Trash, we believe in transforming waste into opportunity. Our journey began with a simple idea: to empower communities through innovative recycling techniques and inspiring DIY projects.



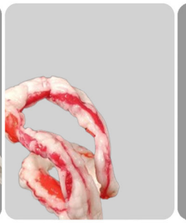
Join Our Community ↓

Contact Us

Products

All PET HDPE PP PLA

Wave Stand



Inverted 'U' Stand

Flower Lamp

Learn More ↗

We are changing the way things get made!

Sustainability
We are challenging the preconceived notion around plastic trash and promote innovation.

Mission
To promote efficient, affordable, and accessible recycling practices to address waste materials.

Want to start recycling?

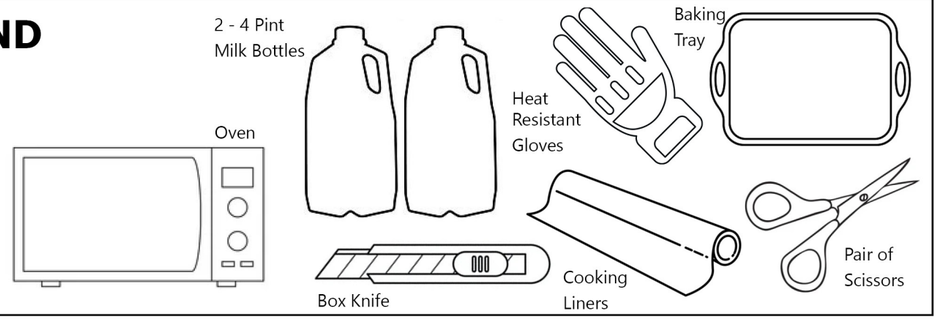
Watch to Learn More

Paper Model

Creating information guides in the form of handy pamphlets could be an effective strategy to engage a wider audience. These pamphlets can be distributed at venues like design museums or environmental conferences, where attendees are already inclined toward sustainability and design innovation. The compact, easy-to-read format of a pamphlet makes it convenient for people to take the information with them and reference it later. Additionally, well-designed pamphlets can serve as memorable takeaways, reinforcing key messages and encouraging further exploration of recycling practices. By targeting specific events, these pamphlets can also create a connection between the content and the experiences of the audience, increasing the likelihood of behavioral change. Expanding this effort could include collaborating with event organizers to include the pamphlets in event swag bags or at key locations throughout the venue, ensuring maximum visibility and impact.

THE WAVE STAND

This experiment aims to demonstrate a quick and easy way of molding plastic while attaining a smooth and seamless texture.



Pro Tips

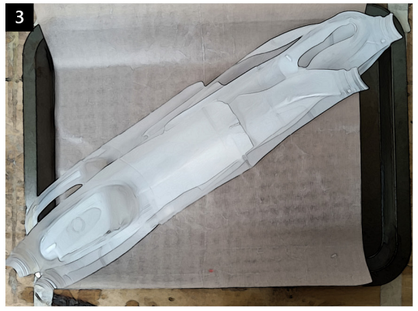
1. Molding melted plastic must be done swiftly because it solidifies rapidly. It's crucial to work both quickly and safely during these experiments. To ensure this, it is essential to wear heat-resistant gloves at every step.

2. Dirt will stick to melted plastic and will show once it has been molded and solidified. It helps to ensure that the area is wiped clean beforehand.

3. These experiments can be conducted by 12 years or older, however, if one is unsure of working with hot material, please use adult supervision.

Wash the milk bottles and remove all labels and stickers. Pierce into the milk bottle using a box knife.

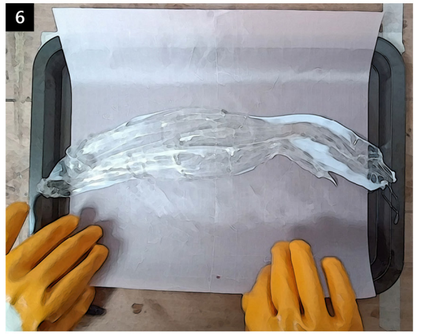
Split the 2 milk bottles open and cut into longer strips to attain 8 long strips.



Place the strips diagonally to make the most of the cooking liner. The overlapping edge ensures that the plastic will melt together creating a long thick strip.

Place the baking tray in the oven at the temperature of 180°C for roughly 15 minutes. Melted HDPE looks transparent.

Peel off the HDPE from the cooking liner and place horizontally.



Wait for the HDPE to cool off a little before molding. This helps it to solidify enough to not stick to the gloves or stick within itself while molding.

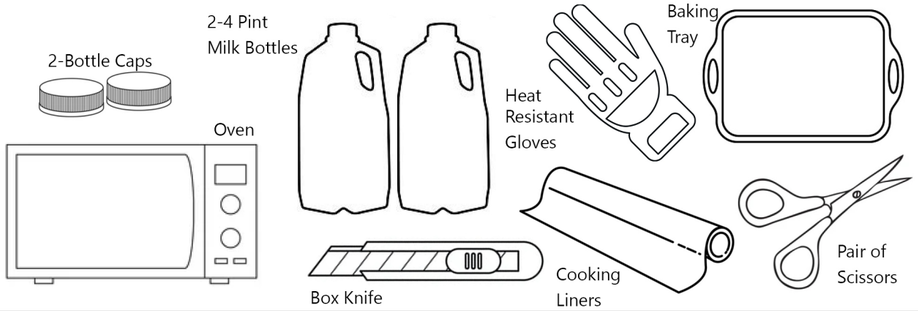
Shape the plastic by hand, creating a wave-like shape.

Hold the plastic in the wave pattern till it solidifies. Solidified HDPE turns into opaque white from transparent.

Safety Tip :
Completely solidified and shaped HDPE takes time to fully cool down. Please do not touch without gloves for at least 20-30 minutes after molding.

THE INVERTED ‘U’ STAND

This experiment aims to illustrate how color can be integrated into plastic to create an intriguing composition.



Pro Tips

1. Molding melted plastic must be done swiftly because it solidifies rapidly. It’s crucial to work both quickly and safely during these experiments. To ensure this, it is essential to wear heat resistant gloves at every step.

2. Dirt will stick to melted plastic and will show once it has been molded and solidified. It helps to ensure that the area is wiped clean beforehand.

3. These experiments can be conducted by 12 years or older, however if one is unsure of working with hot material, please use adult supervision.

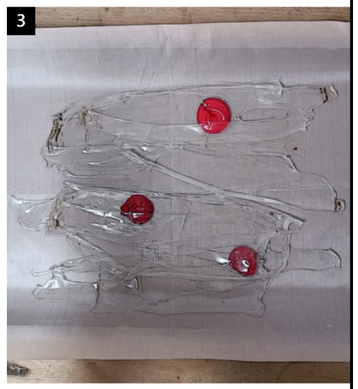
1

Wash the milk bottles and remove all labels and stickers. Pierce into the milk bottle using a box knife.

2

Split the 2 milk bottles open and cut into longer strips to attain 8 long strips.

3

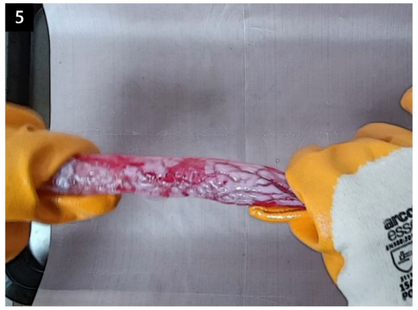


Place the strips horizontally, and the red bottles caps. Melt at 180°C for 15 roughly 15 minutes.

4

Roll the HDPE onto itself, removing it from the cooking liner.

5



Twist the plastic to create a long rolled tube and twist the rolled tube to ensure that the color blends well. Pull the tube to elongate it.

6

Create a circle out of the elongated tube by securing the edges. At this stage, the HDPE has solidified. It will help to melt it again to make it softer for further molding.

7

Place the tray in the oven at the temperature of 180°C for roughly 15 minutes. Elongate the circle by pulling from the ends.

8

Once a long oval shape has been achieved, wait for the HDPE to cool off a little before molding. This helps it to solidify enough to not stick to the gloves while molding.

9

Shape the plastic by hands, creating a sideways ‘U’ shape. Hold the plastic in the ‘U’ shape till it solidifies.

Safety Tip :
Completely solidified and shaped HDPE take time to fully cool down. Please do not touch without gloves for at least 20-30 minutes after molding.