

WHAT TO DO WITH PLASTICS?

#DONTWASTEDESIGN ACTIVITY



Here are **some examples** below of mini projects that you can do at home with discarded plastics:

- **Plastic Bottle Life Hacks**
www.youtube.com/watch?v=xEAOvFG1AmM
- **Plastic Bottle Table Lamps**
www.youtube.com/watch?v=0A7yr8b6ZjM&t=5s
- **Plastic Bottle Caps Basket**
www.youtube.com/watch?v=96XUr5hkM_w

Looking for more inspiration? Check out these amazing organizations that create products from recycled plastics.

Spotlight 1: Green Toys®

Green Toys® is a US-based company that creates toys from recycled plastic milk jars. Using a motto of reducing, reusing and recycling, Green Toys® tracks the number of plastic milk jugs reduced as a primary indicator of their impact.

Here is a video on their story:

www.youtube.com/embed/NDUSQrHXiww?



Spotlight 2: EcoBricks at Collingwood School, Calgary

Collingwood School in Calgary, Alberta has an innovative project, called the "Eco-Brick Project". The idea comes from Colombia as a response to help low-income families, especially recyclers, to have a homemade out of eco-bricks!

Each class at the Collingwood School brings an empty 2L bottle, where students fill the bottle with all the non-recyclable plastic - plastic that usually goes to the landfill. It looks easy but it is not! It requires strong muscles to press the plastic inside the bottle, fill out all the corners and end up with a very hard bottle, like a brick. The students have built a couch, a table and chairs with eco-bricks for the entire school to enjoy. As a result of this project, the school's waste has decreased by 70%.

Here is a link to the project:

https://www.youtube.com/watch?time_continue=20&v=ryGwn_9Ggns&feature=emb_logo





Spotlight 3: The RENUVA™ Program

Did you know that parts of your mattress can be recycled? The RENUVA™ Mattress Recycling Program by DOW takes the polyurethane foam from old mattresses and recycle it into something called Polyol. This RENUVA™ Polyol can then be used to make new foam, for new mattresses!

Here is a video about the process:

<https://videos.dow.com/view/M27667>



Spotlight 4: Rothy's

Rothy's is a US based retail store that creates women's shoes and bags from recycled plastic.

Here is a link to their website:

<https://rothys.com/about>

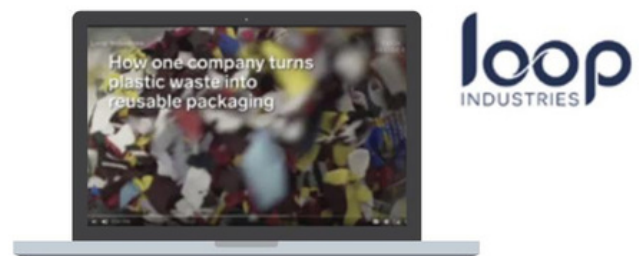


Spotlight 5: Loop-Industries™

Loop-Industries™ is a Canadian company that creates new products from recycled plastics. Their production process is unique as it avoids the use of petroleum and natural gas.

Here is a video on their story:

<https://www.youtube.com/watch?v=vf4ddOvsrH4>



These are all amazing ideas of organizations incorporating the concept of a **circular economy and recycling plastics** by creating innovative products, how cool is that!