

# Upcycled Sales

## Introduction :

Define recycling and what types of things can be recycled. Some answers may include bottles, straws, milk jugs, etc. What happens when we recycle? Items are broken down and turned into another version of what it was, or something made from the same material, i.e. a water bottle getting turned into a milk jug or vice versa. So what is upcycling? It's like recycling. Re means to redo, repeat; and cycle means circle, so recycling makes something over again. What does upcycle mean? We're recycling but making a better product rather than making the same product again. A great example of that is when milk jugs get recycled into a park bench. There's also a company that makes new shoes from old water bottles. So upcycling is a giant part of what we can be doing to create a more sustainable lifestyle on our planet without giving up things we love that are part of our daily life.

Did you know it takes at least 3 gallons of water to recycle one water bottle?

-BONUS! Lake Erie had 127.6 trillion gallons of water! That seems like a whole lot, but Ohio alone uses 60 million water bottles a day. When we do the math, to recycle the water bottles Ohio uses, we would use up all the water in Lake Erie in just 708 days! How many days are in a year? 365. What's two years? 730- So would we last even two years? Nope!

You are an industrial designer. (Go over what that is). Your company works on upcycling products that are items the public masses want. I have here today some materials commonly used by your company. They have a big project for you! Your boss has given you a check list of everything they need from you. First you must use only ONE item to build your entirely new product. Your new product must have nothing to do with what the original material's purpose was for. Then you must build using only the product and the limited amount of tape. Finally, you must come up with a slogan/commercial for your product to try to get others to buy it.

# Product Design Checklist :

Group members names: \_\_\_\_\_

Original material: \_\_\_\_\_

Original purpose of material: \_\_\_\_\_

New design  
ideas: \_\_\_\_\_

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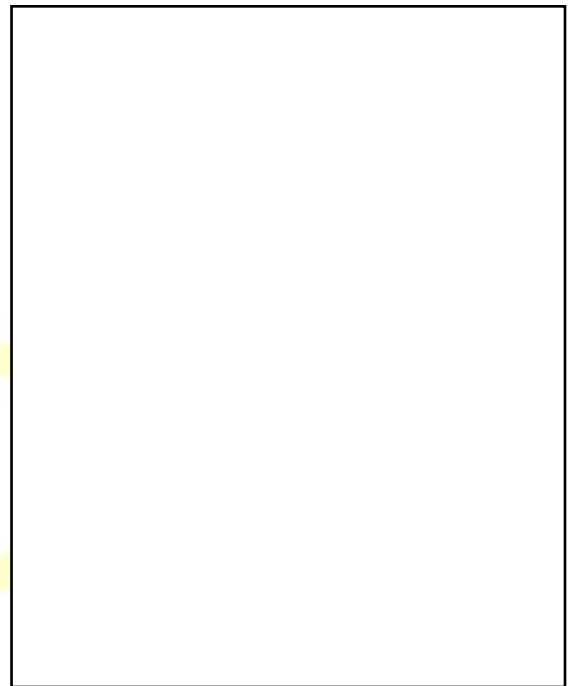
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Drawing of new product

Slogan/Commerical:

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