



*Welcome to
Beal High School*

THE DESIGN TECHNOLOGY DEPARTMENT
ACTIVITY

DESIGN TECHNOLOGY DEPARTMENT TASK

How could you reuse some of your rubbish?

Skills that you'll use

- You will evaluate an existing product.
- You will communicate an idea by making a drawing that uses labelling known as annotation.



Materials needed

- Pencil or pen
- Some paper
- Rubbish or recycling
- Sellotape, a stapler or anything that you have available



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Activity plan

Introduction (5mins)

Anna Bullus was studying design at university and she had a big problem; She had to come up with a product for her university work... but she had no ideas. So, on her walk home she collected all the litter on the path in front of her and took it home. She wanted to find out what people were throwing away and why.

When she got home and looked through the litter she found a crisp packet with a piece of chewing gum wrapped up inside it. 'That's it', she thought! There's nowhere to throw away old chewing gum... this started Anna's design journey to create a bin just for chewing gum.

Watch Anna tell you about the Gumdrops bin in our exciting film.



Activity plan

Discuss **(5-10mins)**

- What did you think about Anna's design?
- Would you use the Gumdrops bin if you saw it in the street?
- Have you used one before?
- Can you think of any ways of improving Anna's design?

Research **(10 mins)**

Have a look at the sort of things that you throw away.

- Are there any common pieces of rubbish that you throw out every single day?
- What's the most common piece of rubbish that is thrown away in your home?
- What things do you reuse in your home? Do you reuse plastic takeaway tubs?



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Activity plan

Activity (20 mins)

Think about a piece of litter that people throw onto the street that bothers you. It could be crisp packets or used drinks cans. Take a piece of paper and a pencil and draw a design to capture the litter. It could be a bin or something a bit more fancy.

Label your drawing with notes about the following;

- What materials it should be made of (try to make this kind to the environment).
- How it works. Label any special features such as moving parts.



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Optional tasks

Extra

Take a piece of packaging from your recycling. You can take it from your main bin if you want but please ask an adult first and make sure that you clean it properly.

Think about how you could reuse the piece of packaging again.

Maybe you could combine it with other pieces of used packaging to make something useful around the house.

An old frozen meal tray could become a pot for some seeds or a toilet roll inside could become something to keep pairs of socks together in your drawers.

- Come up with a couple of uses for some pieces of rubbish that you've thrown out.
- Share them with us online with **#DesignFromHome**



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Good luck and all entries to bealdt@bealhighschool.co.uk and bring to your first DT lesson if portable!

The logo for The Design Museum, featuring the text "the DESIGN MUSEUM" in a bold, sans-serif font. The word "the" is in lowercase and smaller than "DESIGN" and "MUSEUM", which are in uppercase. The text is positioned in the bottom right corner of a solid yellow square.

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