

## RECYCLING OLD INTO NEW

Design is about looking at the world and thinking about how we could make it better. More and more, designers try to reuse and recycle things that we usually throw away. This means there is less litter and less waste. Now you can get a chance to do that, too – so let's start designing! [#LetsMakeWednesdays](#)

### YOU WILL NEED:

- Pencil
- Paper
- Scissors
- Tape
- Glue
- Pipe cleaners
- Paper fasteners
- String



### LET'S MAKE SOMETHING NEW OUT OF SOMETHING OLD!

- 1 Think about how you spend your day: when you wake up, get dressed, study, play and tidy. Could you make these things quicker, easier or more fun? Choose which part of your day you'd like to focus on.
- 2 Think about which part of your day you want to change. With your paper and pencil, start drawing ideas for an invention to make it better.
- 3 With an adult, raid your recycling! You might have cardboard boxes, plastic bottles or magazines. Make sure they are clean and dry.



**4** Look at the materials you have found. Can they be put together in new ways for a new purpose? Use them to make a prototype of your best idea. A prototype is a model of a new invention. It is used to test out your idea and see how it might look in real life. Use materials you have at home, like pipe cleaners and tape, to help you build.

**This chair is more colourful and interesting because its designer made it from old plastic shampoo bottles.**

RCP2 chair by Jane Atfield, London, 1992  
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## LET'S MAKE SOMETHING THAT CAN BE REUSED IN A NEW WAY!

**5** Think about things that you throw away. Can you redesign them so that they can be used for something else when you have finished with them? Using a pencil and paper, draw some ideas.

**These drinks bottles were designed to fit together. After the drink is finished, they can be used as building bricks instead of being thrown away.**



Images: WOBO bottle by N. John Habraken, Netherlands 1963  
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