# Design Ventura 2021-22

## **Online Mini Challenge: Waste**

The Design Ventura online mini challenge invites students to 'design with waste in mind' by coming up with an idea for a new product for the Design Museum Shop that either tackles a waste issue or is made from a waste material.

This list of designers and products below is to help you inspire your students when coming up with ideas in response to the brief. These examples either relate to the Design Museum's [Waste Age](https://designmuseum.org/exhibitions/waste-age-what-can-design-do) exhibition or products sold in the [Design Museum Shop](https://designmuseumshop.com/).

**Plastics**

Thinking about products that reduce, reuse or recycleplastic is a good way of designing with waste in mind:

**A picture containing ground, outdoor, furniture, seat

Description automatically generatedSea Chair**

Designer: [Studio Swine](https://studioswine.com/about/)

About: a stool made from recycled sea plastic.

Link: [Studio Swine](https://studioswine.com/work/sea-chair/)

**Precious Plastics Global Community**

Designer: [Precious Plastics](https://community.preciousplastic.com/academy)

About: a community dedicated to recycling plastic. They have designed open-source machines, tutorials, kits and templates to help people start recycling plastic.

Link: [Precious Plastics](https://www.youtube.com/watch?v=76AFNIxYjUE)

A picture containing indoor

Description automatically generated**Sugru**

Founder: Jane Ni Dhulchaointigh  
  
About: a moldable glue that reduces waste by allowing people to extend the life of their products by fixing or improving them.

Link: [Sugru](https://sugru.com/what-is-sugru)

**A picture containing cosmetic

Description automatically generated**

**GumTec**

Founder: Anna Bullus

About: recycled chewing gum used to create new products. Used for the Design Ventura winning product [Petal Pot](https://ventura.designmuseum.org/2018/03/09/petal-pot/), which was sold in the Design Museum Shop.

Link: [Gum Drop](https://gumdropltd.com/gumtec/)

**Biomaterials**

Thinking about innovative, new materials made from natural alternatives is another way of designing with waste in mind:

****

**Mycelium**

Designer: [Blast Studio](https://www.blast-studio.com/)

About: using funghi to breakdown waste to create a strong new material that can be 3D printed.

Link: [Blast Studio](https://www.blast-studio.com/artefacts)

**A picture containing indoor

Description automatically generated**

**Totomoxtle**

Designer: [Fernando Laposse](http://www.fernandolaposse.com/about-2/)

About: using corn husks (a waste material from corn production) to create decorative objects.

Link: [Totomoxtle](http://www.fernandolaposse.com/projects/totomoxtle/)

**Algae Fashion**

Designer: [Charlotte McCurdy](https://www.charlottemccurdy.com/)

About: a carbon negative rain jacket made from algae rather than plastic.

Link: [Ancient Sunlight](https://www.charlottemccurdy.com/ancient-sunlight)

**A picture containing person, hand

Description automatically generatedEdible Algae**

Founders: Rodrigo García González, Pierre Paslier and Guillaume Couche

About: an alternative to plastic bottles, an edible algae membrane used to contain water and other liquids.

Link: [Ooho Water](https://www.oohowater.com/)

**Design Museum Shop Products**

Existing products on sale in the Design Museum Shop that look to tackle waste.

# A picture containing text Description automatically generatedCoffee Body Scrub UpCircle Beauty

About: natural body exfoliator made with repurposed coffee grounds from London cafes. Retail price: £18.00

Link: [the Design Museum Shop](https://designmuseumshop.com/collections/all/products/upcircle-body-scrub)

**A picture containing text

Description automatically generatedScrap Paper Colouring Book**   
Scrap Pad and Mormor

About: a colouring book including 15 illustrations by Danish street artist Mormor, printed on 100% leftover paper. Retail price: £12.00

Link: [the Design Museum Shop](https://designmuseumshop.com/products/scrap-paper-colouring-book?keyword=scrap%20pad)

**A picture containing accessory

Description automatically generatedKonjac Sponge**

Tabitha Eve

About: an all-natural replacement for the natural sea sponge (which is a living creature) or plastic sponges, made from the root of a [konjac plant](https://en.wikipedia.org/wiki/Konjac). Retail price: £6.00

Link: [the Design Museum Shop](https://designmuseumshop.com/products/konjac-sponge)

  
**Dropper Water Bottle**

Dropper   
  
About: a water bottle made from 100% recyclable materials. When removed, the top doubles as a cup. Retail price: £12.00

Link: [the Design Museum Shop](https://designmuseumshop.com/products/dopper-original-blue-450ml?_pos=1&_sid=373459fdc&_ss=r)

A picture containing yellow, accessory, bag, case

Description automatically generated  
**Scout Backpack**

Lefrik  
  
About: a backpack made from recycled polyester and PET bottles. Each backpack is made using 24 bottles. Retail price: £45.00

Link: [the Design Museum Shop](https://designmuseumshop.com/products/scout-backpack?keyword=LeFrik%20bags)