



# Year 1 DT Upcycling



## DT Procedural Knowledge:

To generate and discuss ideas, research existing problems and possible solutions

To design purposeful, functional and appealing products, creating simple plans and diagrams to show this

To develop technical and practical expertise, following plans to make their product

To select from a wide range of materials

To trial their own product and those of others, considering their effectiveness against their original design

To begin to explain how their product could be improved

## Project-specific Knowledge

That plastic is non-biodegradable and some consequences of its overuse

That some materials can be recycled

Understanding some impacts of recycling and not recycling

## Key Vocabulary

<b>Plastic</b>	A manmade material that can be moulded into shape while soft and then set	<b>Single-use</b>	A product that can only be used once and then needs to be thrown away
<b>Multi-use</b>	A product that can be used more than once	<b>Recycle</b>	To change waste into reusable material
<b>Reuse</b>	Use again or more than once	<b>Waste</b>	A material throw away or no longer useful
<b>Upcycle</b>	Reuse waste by creating a product that is useful or of value	<b>Disposable</b>	Supposed to be thrown away

What does 'single-use plastic' mean?

What is upcycling?

What are the properties of plastic?

How can we reuse single-use plastic?

