

# DT Class Tamar Spring Term 2 How can I design a light using recycled plastics?

Our Endpoint

I can present my design and make a working light.

## Personal Development

Children are aware of design, presentations, recycling and the need for a cleaner ocean.

**What I have learnt before:**  
Kites and juggling balls.

## Exciting Books



## Forever Facts:

Know that plastic in the oceans and seas can impact on wildlife.

Know that designers work to a brief (a set of criteria)

Know that resistant materials need to be strengthened with triangles.

## Subject Specific Vocabulary

Plastic	A type of resistant material usually made from oil.
Strengthening	To make resistant materials stronger, often with triangles.
Waste plastic	Plastic that has not been recycled.
Recycling	Reusing a material again.
Resistant material	Materials made from wood, plastic and metal.
Design brief	Another word for a criteria. A set of must haves.



## Skills:

Be able to join resistant materials.

Present ideas through annotated drawings.