


# Challenge – Recycle Week

Design a recycling bin OR design a reusable product.



Design Criteria	Did you know?
<p>Learners from 5 to 16 years old are invited to design a recycling bin that will encourage everyone to recycle their plastic bottles OR design a reusable product made from plastic carrier bags or plastic bottles.</p> <p>The challenge has been created to give young people a chance to show how innovative they can be and create something that will have a positive influence on a planet full of plastics.</p> <p>Draw your design or create a model which should be supported by an explanation of ideas and design developments.</p>	<p>Studies show only 59% of plastic bottles are collected for recycling in the UK. This means that 15 million plastic bottles are thrown away every day in the UK!</p> <p>Around 11% of our household waste is plastic and 40% of this is plastic bottles.</p> <p>Recycling just one plastic bottle saves enough energy to power a 60W light bulb for six hours.</p>  <p>The logo features a green circular arrow with a heart in the center, followed by the word 'recycle' in green lowercase letters. Below it is the website address 'www.recyclenow.com' in a smaller green font.</p>
Some things to think about	Submit your design
<ul style="list-style-type: none"><li>• Size</li><li>• Shape</li><li>• Colour</li><li>• Type of lid</li><li>• Insert slot</li><li>• Instructions on usage</li><li>• Phrase or environmental message</li></ul>	<p>Post your photos on twitter using #RecycleWeek #PlasticsDesignChallenge and tag @STEM_HUBNMSEY. Alternatively email <a href="mailto:ambassadors@debp.org">ambassadors@debp.org</a>.</p> <p>STEM Ambassadors will judge the entries on 28<sup>th</sup> September. Printable winner and participation certificates will be emailed for all learners that got involved.</p>



We hope you have fun!