

July - Water Conservation

Low Tech - Step-by-step Activity




**Calendar for
Climate
Change**

Quid-Pro-Guo - Inter-generational
Education to Ease Global Warmi



Step-by-Step Guide

Climate Change Topic	Water Conservation		
High-tech or Low-tech?	Low-Tech		
Duration of Activity (in minutes)	2 hours	Learning Outcome	<ul style="list-style-type: none"> ● Basic knowledge of techniques and tips to conserve water in the home ● Identify ways to conserve waters in the home ● Practice water conservation, especially during the summer months
Materials Required for Activity	<ul style="list-style-type: none"> ● Water butt ● Water butt stand ● Rainwater (downpipe) diverter ● DIY tools 		
Step-by-step instructions	 <p style="text-align: center;"><i>Image 1 - Source: B&Q (2022)</i></p>		



A water butt is a traditional way of collecting rainwater for use in your house. Water butts are a popular and inexpensive way of collecting rainwater. By collecting rainwater, you can use it in garden or to clean your windows and car as a way of conserving treated water, especially during the summer months. There are many benefits of collecting rainwater:

- Prevents flooding
- Reduces the demand on your water supply, particularly during the summer months
- Economical way of reducing water usage

Instructions:

Step 1: Purchase a water butt container, stand, and downpipe converter from your local garden, hardware or DIY store

Step 2: Position the water butt beside the downpipe of your roof gutter.

Step 3: Fit the rainwater diverter to your downpipe to redirect water into your water butt by cutting the downpipe 3cm below the top of your container and attaching the rainwater diverter fitting to the downpipe.



Step 4: The cut section of your downpipe can be refitted by inserting it into the bottom of the rainwater diverter.

Step 5: Measure 8cm down from the top of the water butt and drill a hole for the water butt connector that comes with the water butt.

Step 6: Attach the connector by pushing it through the drilled hole and fit in place.

Step 7: Attach the connector to the diverter with the fittings that came with the water butt.

Step 8: Place the lid on top of the water butt and lock it in place, and you're finished!

As it rains, the water butt will begin to fill up with the rainwater diverted from your roof. Many rainwater diverters already include filters to prevent leaves and other organic matter from entering into the water butt. Once water has collected, use the tap at the end of the butt to fill a container and use away!


Video link: <https://www.youtube.com/watch?v=2jk0lstu5o>



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