

# Dormers Wells High School: Design Technology

# Planter Project



Name	
Year 6 Class	

<b>Session 1</b>	<b>Session 2</b>	<b>Session 3 HOMEWORK</b>	<b>Session 4 HOMEWORK</b>	<b>Session 5 HOMEWORK</b>
Complete all research tasks	Create design ideas	Gather materials and test materials	Make product and test product	Evaluate product and make improvements.

Using research from the link  
<https://www.bing.com/videos/search?q=6+rs+of+sustainability+video&&view=detail&mid=82822D114241BDB5CF4E&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3D6%2Brs%2Bof%2Bsustainability%2Bvideo%26FORM%3DHDRSC3>  
 list all of the good things about recycling and the bad things.

**In your opinion is recycling good or bad? Justify your answer in the box below.**

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Good	Bad

The 6 R's	example	Your answers
Reduce	I probably don't need to use plastic bags when I go shopping I could reduce the amount I use or buy.	
Refuse	I will not buy small plastic water bottles.	
Repair	I could sew torn clothes to make them last longer.	
Recycle	I should make sure I wash all food packaging.	
Re-use	I could repurpose some old products.	
rethink	Maybe I don't need to always drive to the gym. I could walk instead.	

## DESIGN IDEAS-4 Design Ideas /Final Design

Watch the video in the link below to help you think of design ideas for your planter.

Create 4 different designs of planters you would like to make.

Remember – if possible use colour and use shading with colouring pencils. Also add annotations these are labels that explain your ideas more clearly.




**Final Design Idea**  
Draw your final design in this box and use the words in the box to help you talk about your idea

	Aesthetics
	Cost
	Customer/client
	Environment
	Size
	Safety
	Function
	materials

<https://www.bing.com/videos/search?q=+plastic+bottles+planters&&view=detail&mid=9A1F1408A03D571D622C9A1F1408A03D571D622C&&FORM=VRD&ru=%2Fvideos%2Fsearch%3Fq%3D%2520plastic%2520bottles%2520planters%26qs%3Dn%26form%3DQBVR%26sp%3D-1%26pq%3Dplastic%2520bottles%2520planters%26sc%3D4-24%26sk%3D%26cvid%3D9CCD0A6AE2D3480C946E438FDFFC46A>

**MAKE YOUR OWN AT HOME**  
**REMEMBER !!!! HEALTH AND SAFETY**  
**ALWAYS GET AN ADULT TO HELP WITH CUTTING AND PIERCING**