



## THE GREAT MATERIALS CHALLENGE

Compare materials used now with those of 100 years ago.  
The scorecards of the Renewable World game will help you, but you'll need to think too.

Complete the table by filling in the scores for the items and costs listed. Cost to environment is the total of Chemicals, Waste, Energy and Land Use added together. The first one has been completed to help you. When you have completed all the columns, add them up.

Kitchen Item	100 years ago			Present day		
	Financial Cost	Cost to Environment	Style and Convenience	Financial Cost	Cost to Environment	Style and Convenience
Cooker Fuel	7	16	1	5	11	4
Kitchen Units						
Shopping Bags						
Storage Containers						
Table and Chairs						
Utensils						
Washing-up Detergent						
<b>TOTALS</b>						

Now answer these questions:

1. Were materials cheaper then or are they cheaper now?
2. What effects do higher prices have?
3. How has the effect on the environment changed?
4. Were materials more sustainable then, or are they more sustainable now?
5. What makes products more, or less, sustainable?