

Drastic Plastic (Activity 2)

檔名請用班級座號姓名，如 40620 孫小明

My Class:

My Name:

※禁止複製網路文章，繳交作業！

Goal of the activity:

This activity involves sharing ideas to reduce the amount of plastic we use. - To observe changes in plastic usage over time. - To identify packaging alternatives. - To identify alternatives to plastic products. - To discuss whether responsibility for reducing plastic lies with the manufacturer, retailer, consumer or government

學習策略：閱讀網路資料 (中文先，英文後) --> 統整不同網站之網路資料--> 繕寫到學習單上 (同學可輸入關鍵字網路查詢)

問題	內容	網路資源
1. What is the life cycle of plastics?	The life cycle of plastic is listed as follows:	Life cycle of plastics: 1. https://sciencing.com/life-cycle-plastic-bottle-6690934.html 2. https://plastics.americanchemistry.com/Lifecycle-of-a-Plastic-Product/ How plastics are made: https://plastics.americanchemistry.com/How-Plastics-Are-Made/
2. Explore how plastics are made.	Plastics are composed of...	Process of plastic manufacture: http://www.modip.ac.uk/resources/curators_guide/manufacturing_plastics
3. What are the processes of manufacture?	The processes of manufacture include...	Raw material uses: 1. http://www.procarton.com/sustainability/resource-efficiency/raw-material-use/ 2. https://sciencing.com/materials-used-making-plastic-bags-5267902.html
4. What are the raw materials used?	The raw materials are used to...	Links: - Life cycle of a plastic bottle video - Life of a plastic bottle video - Carbon footprint of a plastic bottle

<p>5. What resources are used in the process?</p>	<p>The resources used in the process contain...</p>	<p>Internet resources: http://yourenergysavings.gov.au/information/plastics</p>
<p>6.To identify chemical hazards associated with plastics and its production.</p>	<p>Chemical hazards associated with plastics and its production contain...</p>	<p>http://iloencyclopaedia.org/part-xii-57503/chemical-processing/examples-of-chemical-processing-operations/128-examples-of-chemical-processing-operations/plastics-industry</p>
<p>7.To identify issues relating to the use of finite resources.</p>	<p>The issues related to the use of finite resources include...</p>	<p>1. https://greenliving.lovetoknow.com/Non_Renewable_Resources 2. https://www.umweltbundesamt.de/en/topics/waste-resources/resource-use-its-consequences</p>
<p>others</p>		