**Unit 1-2 Chemistry SAC task: Infographic**

**Title:** Sustainability infographic

**Background**

Sustainability is a key theme in VCE Chemistry because there is such a strong focus on it currently in industry and society. You should be able to link some of the exciting innovations you are seeing in packaging, product sourcing and energy savings with the theory you are covering in class. This task provides the opportunity for you to select an aspect of sustainability that interests you and to draw the attention of your class to this issue through an infographic.

**Task**

Select a product or a process and to highlight how innovation could lead to sustainability improvement. Alternatively, your infographic might summarise current practice and its implications. Possible examples might include

* use of carboard bread bag ties
* plastic food wrap made from PLA (polylactic acid)
* use of microorganisms in chemical processes
* use of lignocellulosic biomass as a raw material
* ten best home recycling hints
* aluminium recycling processes
* new batteries under research
* impact of new catalysts
* the use of kelp as a carbon sink
* plastic recycling overview

You will have two weeks to prepare for this task, collecting your research and data and you will collate your infographic in a 1 hour period in class.

In **preparation** for this task, you will need to

* have your teacher approve your topic
* research the science and data you will present
* select the style of infographic that you will use

Remember, this task is an infographic so the emphasis is on the visual effectiveness of your presentation, not on the quantity of information you can squeeze into a small space.

Examples can be found at: <https://www.lucidpress.com/blog/30-great-infographic-examples>. Infographic templates are available on the internet, for example, <https://www.hubspot.com/infographic-templates?hubs_post-cta=author&hubs_post=blog.hubspot.com%2Fmarketing%2Fbest-infographics-2016&_ga=2.120686728.1485710053.1647586670-28217478.1647586670>

Handy hints in creating an infographic can be found at: <https://venngage.com/blog/good-infographic/>