

**Sustainability & Technology**

**Reduce, Recycle and Reuse**

##### **Curriculum Link :**

##### analyse how people in design and technologies occupations consider ethical and sustainability factors to design and produce products, services and environments.

[AC9TDE8K01](https://v9.australiancurriculum.edu.au/f-10-curriculum/learning-areas/design-and-technologies/year-8/content-description?subject-identifier=TECTDEY78&content-description-code=AC9TDE8K01&detailed-content-descriptions=0&hide-ccp=0&hide-gc=0&side-by-side=1&strands-start-index=0&subjects-start-index=0&view=quick)

**TASK**

In this task you will consider one aspect of technology and present a PowerPoint presentation of 6 slides maximum discussing the impact of a popular material or product on the environment. Examples that may guide this task could be on of the following:

* The benefits, use and sustainability impacts of fashion clothing.
* Mobile Phones and devices.
* Short life cycle household appliances.
* Waste materials used in the Technology Centre at heritage.

**Titles for your slides:**

Slide 1 Introduction to the product or material

Slide 2 Uses and Benefits of the product

Slide 3 Intended life cycle of the product and material

Slide 4 Impact on the environment during use, when discarded

Slide 5 Possible solutions and alternatives to reduce waste.

Slide 6 Personal responsibility

**Assessment**

You will present your PPT to the class next week and it will be assessed against the curriculum outcomes set out in the Knowledge and understanding Rubric.