**Stage 2 Geography**

**Assessment Type 1: Geographical Skills and Applications**

**Ecosystems and Ecological Footprints**

**Purpose**

Investigate your individual ecological footprint using the WWF ecological footprint calculator. Explore and suggest reasons for your measurement and suggest strategies that could be implemented to reduce your footprint.

**Assessment Description**

* Access the WWF website at <http://www.wwf.org.au/get-involved/change-the-way-you-live#gs.3PQIv5w> and read the information on the page, ‘Change the way you live’.
* Click on the link to the footprint calculator and complete the ecological footprint quiz.
* Save or print your ecological footprint information after you complete the quiz.
* Click on the link to explore scenarios and select the actions you would be prepared to do in order to reduce your footprint measurement. Note the impact these have on your measurement.
* Explore the changes you can make to reduce your footprint, click on the links to reduce, reuse, recycle; shopping; food waste; reducing energy; travel

**Assessment Conditions**

* Create a written report on your footprint measurement, analysis and recommendations to reduce your footprint.
* Your report should include:
  + your footprint measurement calculated from the online quiz
  + suggested reasons for your footprint measurement
  + personal recommendations you could put in place to reduce your footprint measurement
  + visual representations including graphs, diagrams, maps.
* Your report should be to a maximum of 500 words.

The specific features being assessed are:

AE1 Analysis of the complex interactions between, and interdependence of**, people and environmental, social, and economic factors**.

AE2 Analysis and evaluation of information to determine possible outcomes and make justifiable and ethical recommendations, form conclusions, and solve problems.

Ap1 **Application** and/or evaluation **of geographical** and fieldwork **skills**, including the use of spatial technologies, to identify and examine geographical issues.