**Year 8 Geography: Water in the World**

**Syllabus Dot Points**

A student:

* locates and describes the diverse features and characteristics of a range of places and environments GE4‑1
* describes processes and influences that form and transform places and environments GE4‑2
* explains how interactions and connections between people, places and environments result in change GE4‑3
* discusses management of places and environments for their sustainability GE4‑5
* acquires and processes geographical information by selecting and using geographical tools for inquiry GE4‑7
* communicates geographical information using a variety of strategies GE4‑8

Related Life Skills outcomes: GELS-1, GELS-2, GELS-3, GELS-5, GELS-7, GELS-8

**Unit Outline**

1. Introduction, Syllabus Requirements
2. Water Resources
3. The Water Cycle
4. Australia’s Water Resources
5. Water Scarcity
6. Water Management
7. The Value of Water
8. Natural Hazards

**Metalanguage List**

freshwater precipitation cultural strategy

renewable groundwater aesthetic river

non- renewable scarcity sustainable runoff

resources topography condensation water cycle

spatial distribution drought evaporation atmospheric

economic management climate hydrologic

**Kick start questions**

1. What are the different classifications of water resources?
2. How are different forms of water used as resources?
3. What are the processes found in the water cycle?
4. Explain how water flows within a catchment area
5. What spatial variations are found in Australia’s water resources?
6. How does freshwater water availability vary across both Australia and other continents?
7. What is the nature, extent and causes of water scarcity in different countries?
8. Explain some strategies uses to overcome water scarcity
9. How have individual actions contributed to sustainable water management?
10. Discuss why there are variations in people’s perceptions about the value of water
11. How is water important to the ATSI community?
12. Explain the spatial distribution, cause and impact of droughts
13. Predict the impact of climate change on the occurrence, frequency and extent of droughts
14. What management strategies are in place to reduce the future impact of similar hazard events?