



## YOUR WATER, YOUR FUTURE CURRICULUM CONTENT

|                           |   |
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| <b>KEY LEARNING AREAS</b> | <ul style="list-style-type: none"> <li>• Science</li> <li>• Geography</li> <li>• Technology</li> <li>• Human Society and its Environment</li> <li>• English</li> <li>• Creative Arts – Drama</li> </ul>   |
| <b>STAGES</b>             | <ul style="list-style-type: none"> <li>• Stage 4 (Year 7 and 8)</li> <li>• Stage 5 (Year 9 and 10)</li> </ul>   |
| <b>FOCUS AREA</b>         | <ul style="list-style-type: none"> <li>• Life Skills</li> <li>• STEM</li> </ul>   |
| <b>THEMES</b>             | <ul style="list-style-type: none"> <li>• The value of water (Economic, cultural, spiritual and aesthetic value)</li> <li>• Water in our World (Australia’s water resources; water scarcity; water management)</li> <li>• Science &amp; Geography of Water Treatment (treatment plant; treatment process, water cycle, people and places)</li> <li>• The Future of Water (technology; environmental and human induced change)</li> </ul> |



| <b>LEARNING AREAS</b>    |  |
|--------------------------|--|
| <b>SCIENCE (STAGE 4)</b> |  |
| <b>OUTCOMES:</b>         |  |
| <b>Earth and Space</b>   | A student explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management <b>SC4-13ES</b> |
| <b>Living World</b>      | A student explains how new biological evidence changes people's understanding of the world <b>SC4-15LW</b>   |
| <b>Chemical World</b>    | A student explains how scientific understanding of, and discoveries about the properties of elements, compounds and mixtures relate to their uses in everyday life <b>SC4-17CW</b>               |

| <b>LEARNING AREAS</b>    |  |
|--------------------------|--|
| <b>SCIENCE (STAGE 5)</b> |  |
| <b>OUTCOMES:</b>         |  |
| <b>Earth and Space</b>   | A student explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues <b>SC5-13ES</b>  |
| <b>Living World</b>      | A student analyses interactions between components and processes within biological systems <b>SC5-14LW</b><br>A student explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society <b>SC5-15LW</b> |
| <b>Chemical World</b>    | A student discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials <b>SC5-17CW</b>  |

| <b>LEARNING AREAS</b>           |  |
|---------------------------------|--|
| <b>GEOGRAPHY (STAGE 4)</b>      |  |
| <b>OUTCOMES:</b>                |  |
| <b>Landscapes and Landforms</b> | Value of landscapes and landforms  |
| <b>Water in the World</b>       | <ul style="list-style-type: none"> <li>• Water resources</li> <li>• The water cycle</li> <li>• Australia’s water resources</li> <li>• Water scarcity and water management</li> <li>• The value of water</li> </ul> |
| <b>Interconnections</b>         | Production and consumption   |

| <b>LEARNING AREAS</b>                      |  |
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| <b>GEOGRAPHY (STAGE 5)</b>                 |  |
| <b>OUTCOMES:</b>                           |  |
| <b>Sustainable Biomes</b>                  | <ul style="list-style-type: none"> <li>• Changing biomes</li> <li>• Biomes produce food</li> <li>• Challenges to food production</li> <li>• Food security</li> </ul> |
| <b>Changing Places</b>                     | Australia’s urban future   |
| <b>Environmental Change and Management</b> | <ul style="list-style-type: none"> <li>• Environments</li> <li>• Environmental Change</li> <li>• Environmental management</li> </ul>                                 |
| <b>Human Wellbeing</b>                     | Improving human wellbeing  |