

# Maroon Outdoor Education Centre Environmental Sustainability Core Learning



The following knowledge and skills should be taught in any program that focuses on **Environmental Sustainability**:

Education for sustainability must encompass:

- understanding of the impacts of human activities on natural systems
- awareness of the finite scale of non-renewable resources
- awareness of the limits on use of renewable resources

<b>AIR      We breathe it in so keep it clean.</b>	
<b>Sustainable Strategies at Maroon OEC</b>	<b>Sustainable Strategies at Home</b>
<ul style="list-style-type: none"> <li>• Use minimal wood in camp fires.</li> <li>• Only have a camp fire in an establish fire spot.</li> </ul>	<ul style="list-style-type: none"> <li>• Walk or ride a bike to school or work</li> <li>• Use public transport or a carpool</li> <li>• Plant at least two trees for each tree cut down</li> <li>• Use a clothesline instead of a dryer whenever possible</li> </ul>
<b>WATER      Water is precious, conserve it and protect it.</b>	
<b>Sustainable Strategies at Maroon OEC</b>	<b>Sustainable Strategies at Home</b>
<ul style="list-style-type: none"> <li>• 2 minute showers.</li> <li>• Turn off the tap when you brush your teeth.</li> <li>• Shower once a day.</li> <li>• Use the dish washing and sterilisation in the most efficient manner</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the use of plastic shopping bags</li> <li>• Use biodegradable cleaning products</li> <li>• Monitor and conserve water use</li> <li>• Install tanks and other water-saving devices</li> <li>• Use recycled water to water the garden</li> </ul>
<b>LAND      Our land is the only home we've got, care for it.</b>	
<b>Sustainable Strategies at Maroon OEC</b>	<b>Sustainable Strategies at Home</b>
<ul style="list-style-type: none"> <li>• Put all rubbish and food scraps in the bin to protect the native animals.</li> <li>• Walk on paths and tracks.</li> </ul>	<ul style="list-style-type: none"> <li>• Join a local group such as Landcare</li> <li>• Use compost and worm farms to improve soil</li> <li>• Plant more native trees</li> <li>• Buy products with minimal packaging.</li> <li>• Buy locally grown and produced foods.</li> <li>• Buy fresh foods instead of frozen.</li> <li>• Eat less meat.</li> <li>• Don't buy bottled water</li> <li>• Recycle</li> </ul>
<b>ENERGY      Let nature be our energy partner...use it wisely.</b>	
<b>Sustainable Strategies at Maroon OEC</b>	<b>Sustainable Strategies at Home</b>
<ul style="list-style-type: none"> <li>• Turn off the lights in the cabins.</li> <li>• Turn off the display on the digital cameras.</li> </ul>	<ul style="list-style-type: none"> <li>• Turn off electrical appliances — don't leave them on standby</li> <li>• Install and use energy-saving and monitoring devices.</li> <li>• Replace a regular incandescent light bulb with a compact fluorescent light bulb (cfl).</li> <li>• Use less hot water.</li> <li>• Only run your dishwasher when there's a full load and use the energy-saving setting.</li> <li>• Cycle or walk instead of driving to shops or school.</li> </ul>

### Essential Learning Alignment

SOSE (Years 7 & 9): PS2; PS3

Science (Year 7): EC2 Science (Year 9): LL1; LL5