



Program : Wetland Detectives			
<p>General Descriptor of Program: (Years 5 - 6) Collect evidence to assess the health of the water system at Birrigai or the Sanctuary at Tidbinbilla. A guided walk through the wetlands, water testing and a quantitative and qualitative assessment of the macro-invertebrates will assist you to make this assessment. Use the microscopes to identify species. Examine the ecological role of wetlands and the need to conserve such ecosystems.</p>			
<p>General Capabilities</p> <ul style="list-style-type: none"> <input type="checkbox"/> Literacy <input type="checkbox"/> Numeracy <input type="checkbox"/> Information and communication technology (ICT) competence <input type="checkbox"/> Critical and creative thinking <input checked="" type="checkbox"/> <i>Ethical behaviour</i> <input checked="" type="checkbox"/> <i>Personal and social competence</i> <input type="checkbox"/> Intercultural understanding 		<p>Cross-Curriculum Priorities</p> <ul style="list-style-type: none"> <input type="checkbox"/> Aboriginal and Torres Strait Islander histories and cultures <input type="checkbox"/> Asia and Australia's engagement with Asia <input checked="" type="checkbox"/> <i>Sustainability</i> 	
Years targeted	Australian Curriculum links - Science		
	Science Understanding	Science as a Human Endeavour	Science Enquiry Skills
Year 5	Living things have structural features and adaptations that help them to survive in their environment(ACSSU043)	Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena (ACSHE081)	With guidance, pose questions to clarify practical problems or inform a scientific investigation, and predict what the findings might be (ACSIS231)

Year 5 Cont.			<p>Use equipment and material safely, identifying potential risks (AC SIS088)</p> <p>Compare data with predictions and use as evidence in developing explanations (AC SIS218)</p>
Year 6	<p>The growth and survival of living things are affected by the physical conditions of their environment (AC SSU094)</p>	<p>Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena (AC SHE098)</p>	<p>With guidance, pose questions to clarify practical problems or inform a scientific investigation, and predict what the findings might be (AC SIS232)</p> <p>Use equipment and material safely, identifying potential risks (AC SIS105)</p>