



# Grow, Make, Protect Tasmanian Agricultural Education Framework

## Grow, Make, Protect - Tasmanian Agricultural Education Framework

Priorities	K-6	7-10	11-12	
<b>Student Learning</b>	Schools embed high quality curriculum resources that support the Australian Curriculum, develop awareness and interest in agriculture, and an awareness of local industry contexts.		Schools offer rigorous academic course work through the offering of TASC syllabuses and VET certificate programs. These develop students' knowledge and understanding, and enables articulation to further education and career pathways.	
	Students investigate food and fibre production through practical experiences that build awareness and interest and create links to build understanding.	Students experience how food and fibre are produced through participation in the practical application of skills and supervised enterprise opportunities. These practical skills link to theoretical understandings.	Students experience provides opportunities to develop vocational skills and articulation to further education and training. Experiential links are developed with Trade Training Centres (TTC) to further enhance students' learning and connections with future pathways.	
	Curriculum Services works in partnership with appropriate stakeholders to develop resources mapped to the Australian Curriculum, and to make them available to educators.		Curriculum Services works in partnership with appropriate stakeholders to develop resources and to make them available to educators through the Virtual Learning Environment (VLE).	
Student learning has clear connections to the Australian Curriculum, TASC and VET qualifications at appropriate levels				
<b>Curriculum</b>	<b>Grow                      Make                      Protect</b>			
	<b>Australian Curriculum Food and Fibre Descriptors</b>			Proposed TASC courses which introduces learners to farming systems and operations through an integrated Science, Technologies, Engineering and Mathematics (STEM) inquiry.
	Explore how plants and animals are grown for food, clothing and shelter and how food is selected and prepared for healthy eating (ACTDEK003)	Investigate food and fibre production and food technologies used in modern and traditional societies (ACTDEK012)	Investigate how and why food and fibre are produced in managed environments and prepared to enable people to grow and be healthy (ACTDEK021)	<p>Analyse how food and fibre are produced when designing managed environments and how these can become more sustainable (ACTDEK032)</p> <p>Investigate and make judgments on the ethical and sustainable production and marketing of food and fibre (ACTDEK044)</p> <p><b>Agricultural Enterprise 2</b> Students learn the theory of food and fibre production through a focus on managed and natural systems for animal and plant production. Students engage in an agricultural enterprise.</p> <p><b>Agricultural Systems 3</b> Students explore the various systems and sub-systems that support agricultural production and maximise productivity. Student understanding is demonstrated by researching a case study and by developing an engineering solution to an agricultural problem or situation.</p>
<b>Facilities</b>	Students largely based at schools using existing or developed facilities such as school gardens.		The use of existing school farms to be broadened to increase the diversity of experiences for students. Opportunities beyond school facilities to be utilised through community and industry connections, including the use of demonstration farms and working collaboratively with TTCs to provide high quality experiential learning experiences for students.	
<b>Career Connections</b>	Students explore agricultural opportunities and a wide variety of career profiles, making links to their learning experiences growing, managing environments and preparing food products.		Students participate in interactive industry connected programs. They develop authentic links to their learning and understand how this can translate to future pathways in primary production, product development and environmental sustainability.	
<b>My Education as the key vehicle for career planning</b>				
<b>Leadership</b>	Schools self identify as key schools to engage in agricultural education. Support is offered by Curriculum Services to these schools to encourage and support best practice within agricultural education. Key schools lead learning programs and then support colleagues to integrate high quality curriculum resources at appropriate levels. Agricultural education leadership is provided by Curriculum Services across K-12.			
<b>Program Support</b>	Students have opportunities to be involved in food and fibre production based enterprises.	Students have opportunities to participate in and lead production based enterprises and leadership development programs.	Students have opportunities to design and lead production based enterprises and participate in leadership development programs.	
	<b>Professional Learning available for Agricultural Education</b>			
<b>Stakeholder Partnerships</b>	Support is offered by Curriculum Services to schools to encourage and support best practice within agricultural education. Particular support will be available to those schools identifying as key schools for agricultural education.			
<b>Stakeholder partnerships underpin support of Agricultural Education programs</b>				
Through strong collaboration between government departments, post-secondary education providers, industry, agribusiness, local communities and professional networks develop a mechanism to increase communication and involvement between educators and industry. These partnerships will be location based and community focussed to create strong and meaningful support and pathways for learners in agricultural education.				
This will include links with:				
<ul style="list-style-type: none"> <li>University of Tasmania School of Land and Food</li> <li>TasTAFE</li> <li>AgriTas</li> </ul>		<ul style="list-style-type: none"> <li>Tasmanian Trade Training Centres (TTC)</li> <li>Tasmanian Institute of Agriculture (TIA)</li> <li>Tasmanian Agricultural Productivity Group (TAPG)</li> </ul>	<ul style="list-style-type: none"> <li>The Beacon Foundation</li> <li>Tasmanian Farmers and Graziers Association (TFGA)</li> <li>Royal Tasmanian Botanical Gardens (RTBG)</li> </ul>	