



DURATION OF SUBJECT	ONE SEMESTER
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE
COURSE REQUIREMENTS	Agriculture specialisation is a unit of work that will provide students with the opportunity to sample the different areas of Agriculture. They will be exposed to new technologies, materials, animals and processes throughout the unit.

COURSE CONTENT

UNIT 1	ASSESSMENT
<p>Agriculture - Where does my food come from?</p> <p>Through the exploration of various agricultural systems found on the school farm, students understand how the agricultural systems are interconnected.</p> <p>Plant growth, development and production is a central focus of agriculture. Students explore plants nutritional requirements for successful growth and development.</p> <p>Students will acquire and document knowledge on plant nutrition and design a fertilizer program to obtain optimal growth of sunflowers. Compiling and documenting the acquired knowledge in the development and creation of an information pamphlet.</p>	<p>Written folio/Practical</p> <p>Students to develop an information pamphlet detailing the nutritional needs of successfully growing seedlings, ultimately developing their own fertiliser program for sunflowers.</p>
UNIT 2	ASSESSMENT
<p>Animal Husbandry - What came first the chicken or the egg?</p> <p>Students acquire knowledge and understanding small animal reproductive systems and of foetus development.</p> <p>Through the exploration of chicken reproductive systems and embryonic development in eggs, students will investigate and explain how a fertilised egg develops from fertilisation of the germinal disk to the formation of a fully-formed chicken within 21 days. Students will also be investigating and understanding mechanical incubation of eggs</p> <p>Communicating their understanding and knowledge in a multi modal presentation and TEEL paragraph</p>	<p>Learning Journal to include:</p> <p>Students develop a PowerPoint detailing various stages of foetal development during incubation. Students also formulate a TEEL paragraph focusing on mechanical incubation of eggs.</p>

CAREER PATHWAYS

Students considering a career in agriculture would be ideally suited, provide a solid foundation for senior agriculture subjects. This subject leads directly into senior agricultural subjects – it is designed to give you a foundation knowledge that you can build on in Year 9. This subject would fit into the STEM Hub.

FIND OUT MORE

Australian Agriculture Employment	http://www.ruralcareers.net.au/agriculture https://farmers.org.au
Australian Agriculture overview	https://www.youtube.com/watch?v=fFUZ_j2cCe0
The farm and the environment	https://www.youtube.com/watch?v=Tgfvymh5Zns
The future of farming technology	https://www.youtube.com/watch?v=Qmla9NLFbVU