



DURATION OF SUBJECT	ONE YEAR
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE
COURSE CONTENT	
Term 1	ASSESSMENT
Investigating and exploring poultry production, students will focus on caring for poultry, animal welfare issues and requirements for suitable housing. Students will evaluate the current school farm poultry housing facilities, develop their own design to provide best housing practices for the chickens. Students will incubate eggs to understand the growth and development of the chicken.	In a Learning Journal students will evaluate the school poultry housing system against animal welfare standards. Students develop their own housing design to best suit the chickens.
Term 2	ASSESSMENT
Investigating summer/winter vegetable crops, students learn and understand plant anatomy and investigate different fertiliser regimes that yield the best crop. Students will monitor plant health and investigate best husbandry practices. Students will be able to plant seedlings, tend to garden beds and grow their own vegetables.	In a Learning journal students will document husbandry activities such as fertiliser applied, rainfall, ideal planting seasons, macro and micro nutrients required by plants. Students write a report using a template supplied that records their results as to which fertiliser yielded the best results.
Term 3	ASSESSMENT
Exploring the world of insects, students focus on the vital role of insects in agriculture. Students will research an insect as an alternative source of protein for human or animal consumption. Students will participate in the hive robbing and the extraction of honey from the school hives.	In a Learning Journal students will research an insect that could be used as an alternative protein source for humans or animals. Students create a short video to promote their chosen protein source.
Term 4	ASSESSMENT
Discovering the various elements of the weather, students will engage with agricultural climate challenges. Students will record the weather patterns of CSHS Farm and predict the future weather. Facing real farm problems, students will either develop a plan to drought/flood/weather proof their farms or harness the power of the weather to improve the farm's budget.	In an Oral Presentation students will choose one real farm issue and developing a plan to solve it. In a small group, students will form a Think Tank to develop solutions & present to an audience of "farmers". They must incorporate weather data from CSHS Weather Station.
Participation in basic farm jobs which could include maintaining and harvesting from the garden beds, nut orchard and plant nursery as well as feeding and caring for various animals such as cattle, sheep, alpacas, chickens, fish and red claw.	
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 10. 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
BOM (Bureau of Meteorology)	http://www.bom.gov.au/climate/data-services/education.shtml