Senior Agricultural Science (General)
Learning & Assessment Overview 2021

Year 11		Year 12	
AGS Unit 1 **Agricultural systems**	**AGS Unit 2** **Resources**	**AGS Unit 3** **Agricultural production**	**AGS Unit 4** **Agricultural management**

By the end of this unit students will: 1. describe and explain agricultural enterprises, and animal and plant production 2. apply understanding of agricultural enterprises, and animal and plant production 3. analyse evidence about agricultural enterprises, and animal and plant production 4. interpret evidence about agricultural enterprises, and animal and plant production 5. investigate phenomena associated with agricultural enterprises, and animal and plant production 6. evaluate processes, claims and conclusions about agricultural enterprises, and animal and plant production 7.communicate understandings, findings, arguments and conclusions about agricultural enterprises, and animal and plant production.	By the end of this unit, students will: 1. describe and explain management of renewable resources; physical resource management; and agricultural management, research and innovation 2. apply understanding of management of renewable resources; physical resource management; and agricultural management, research and innovation 3. analyse evidence about management of renewable resources; physical resource management; and agricultural management, research and innovation 4. interpret evidence about management of renewable resources; physical resource management; and agricultural management, research and innovation 5. investigate phenomena associated with management of renewable resources; physical resource management; and agricultural management, research and innovation 6. evaluate processes, claims and conclusions about management of renewable resources; physical resource management; and agricultural management, research and innovation 7.communicate understandings, findings, arguments and conclusions about the above.	By the end of this unit students will: 1. describe and explain animal and plant production, and agricultural enterprises 2. apply understanding of animal and plant production, and agricultural enterprises 3. analyse evidence about animal and plant production, and agricultural enterprises 4. interpret evidence about animal and plant production, and agricultural enterprises 5. investigate phenomena associated with animal and plant production, and agricultural enterprises 6. evaluate processes, claims and conclusions about animal and plant production, and agricultural enterprises 7. communicate understandings, findings, arguments and conclusions about animal and plant production, and agricultural enterprises.	By the end of this unit, students will: 1. describe and explain enterprise management and evaluation of an agricultural enterprise 2. apply understanding of enterprise management and evaluation of an agricultural enterprise 3. analyse evidence about enterprise management and evaluation of an agricultural enterprise 4. interpret evidence about enterprise management and evaluation of an agricultural enterprise 5. investigate phenomena associated with enterprise management and evaluation of an agricultural enterprise 6. evaluate processes, claims and conclusions about enterprise management and evaluation of an agricultural enterprise 7. communicate understandings, findings, arguments and conclusions about enterprise management and evaluation of an agricultural enterprise.
Topics	**Topics**	**Topics**	**Topics**
1. Agricultural enterprises A 2. Animal production A 3. Plant production A	1. Management of renewable resources 2. Physical resource management 3. Agricultural management, research and innovation	1. Animal production B 2. Plant production B 3. Agricultural enterprises B	1. Enterprise management 2. Evaluation of an agricultural enterprise's sustainability
Unit Duration	**Unit Duration**	**Unit Duration**	**Unit Duration**
Yr 11 Weeks 1 - 16 (16 weeks)	Yr 11 Weeks 17 - 32 (16 weeks)	Yr 11 Weeks 33-38, Year 12 Weeks 1 - 12 (18 weeks)	Yr 12 Weeks 12 - 33, External Exam Weeks 34 - 37 (21 weeks)
Assessment Task/s	**Assessment Task/s**	**Assessment Task/s**	**Assessment Task/s**

FIA1 Data Test	FIA2 Experimental Investigation	FIA3 Research Report	FIA4 Examination	IA1 Data Test	IA2 Experimental Investigation	IA3 Research Report	EA4 Examination
Weighting: 10%	*Weighting:* 20%	*Weighting:* 20%	*Weighting:* 50%	*Weighting:* 10%	*Weighting:* 20%	*Weighting:* 20%	*Weighting:* 50%
Conditions: 60 mins + 10 mins perusal, short responses, paragraphs, up to 500 words in total	*Conditions:* 10 hours class time, 1500-2000 words short response items	*Conditions:* 10 hours class time, 1500-2000 words	*Conditions:* 2 papers, each 90 mins + 10 mins perusal short response items	*Conditions:* 60 mins + 10 mins perusal, short responses, paragraphs, up to 500 words in total	*Conditions:* 10 hours class time, 1500-2000 words short response items	*Conditions:* 10 hours class time, 1500-2000 words	*Conditions:* 2 papers, each 90 mins + 10 mins perusal short response items
Issued: n/a *Due:* Week 7	*Issued:* Week 12 *Due:* Week 16	*Issued:* Week 21 *Due:* Week 25	*Issued:* n/a *Due:* Week 32	*Issued:* n/a *Due:* Week 4	*Issued:* Week 10 *Due:* Week 15	*Issued:* Week 21 *Due:* Week 25	*Issued:* n/a *Due:* Week 33-37