

2024 Year 9 & 10 Unit Outline

Agriculture

Teacher(s): Tegolin Spink

Faculty: Science

Unit Duration: Semester 1, 2024

The **Australian Curriculum Achievement Standards in Agriculture** is a Design and Technologies course and builds on concepts, skills and processes developed in earlier years. By the end of the course students will have had the opportunity to create designed solutions in food and fibre production.

Australian Curriculum Achievement Standard: By the end of Year 10, students explain how people working in design and technologies occupations consider factors that impact on design decisions and the technologies used to produce products, services and environments. They identify the changes necessary to designed solutions to realise preferred futures they have described. When producing designed solutions for identified needs or opportunities, students evaluate the features of technologies and their appropriateness for purpose for one or more of the technologies contexts.

Unit Description: In this unit students examine the role of agriculture in providing for human needs. Students gain knowledge in producing food in a sustainable way and further analyse a range of farm animals and their role in agriculture. In the practical component of the course, students are encouraged to show leadership in building productive gardens, caring for poultry and conducting small grazing animals husbandry. This unit may contain topics which raise concerns with families in our community. Please contact the class teacher if you have any specific concerns.

Essential Learning Outcomes developed from the Achievement Standards of the Australian Curriculum:

1. **9/10.986** - Explains how people working in design and technologies occupations consider factors that impact on design decisions and the technologies used to produce products, services and environments.
2. **9/10.990** - Establishes detailed criteria for success, including sustainability considerations, and uses these to evaluate ideas and designed solutions and processes.
3. **9/10.992** - Communicates and documents projects, including marketing for a range of audiences.
4. **9/10.994** - Selects and uses appropriate technologies skilfully and safely to produce high-quality designed solutions suitable for the intended purpose.

Materials and Equipment Required: Students are expected to arrive at every class with a class book/folder to write notes for that subject, a writing instrument and a Chromebook or similar, appropriate electronic device. Students are required to provide the following additional materials and equipment: *insert other required materials*

Absences from Class: Students who miss classes due to absence or excursions must negotiate with the class teacher to catch up missed work.

Use of IT in Class: A Google Classroom has been set up for this class. Students will be required to log into this Google Classroom regularly to access course material. Students must bring their Chromebook to all lessons, however, the use of these devices in class will be at the discretion of the teacher.

Homework: Any homework will be directly related to instruction and course requirements, will be assessed appropriately and may impact upon student grades. Examples of homework may include: catch up on missed classwork, revision of classwork, study for tests, assignment work, or preparation for a class presentation.

Late Work: Extensions may be negotiated with individual teachers before the due date

Plagiarism: Plagiarism is copying or using another's work and claiming it as your own. This includes copying, cutting and pasting text or using ideas directly from a text, the internet or some other source without appropriate referencing. If this happens, work may not be graded, and students will be asked to discuss the assessment with the classroom teacher and Executive Teacher for that subject. Parents may be contacted as part of this process.

Assessment Portfolio: This contains evidence of work from the opportunities the students have been provided to demonstrate elements of the achievement standard.

Portfolio Assessment Tasks for this subject will include:

	Week / Date Due	Essential Learning
1. Crop Research Task	Week 5	2
2. Goat Research Task	Week 12	1,2,3
3. Farm Design Project	Week 18	1,2,3,4
4. Farm practical work	Ongoing	2,4

A-E Reporting Grade Descriptors These are the grades and grade descriptors for reporting at the end of each Semester.

A Demonstrating **excellent** achievement of what is expected (Consistently achieving a proficiency level of 4 or above in each of the Essential Learnings)

B Demonstrating a **high** achievement of what is expected (Consistently achieving a proficiency level of between 3 and 4 in each of the Essential Learnings)

C Demonstrating **satisfactory** achievement of what is expected (Achieving a proficiency level of 3 across the Essential Learnings)

D Demonstrating **partial** achievement of what is expected (Achieving a proficiency of between 1 and 3 across the Essential Learnings)

E Demonstrating **limited** achievement of what is expected (Achieving a proficiency of 1 or less in each of the Essential Learnings)

S **Status** is awarded where unavoidable circumstances have prevented assessment. Must be negotiated with the Principal.

Grade Descriptors and the "C" grade

In ACT public schools the Australian Curriculum Achievement Standard is aligned with a 'C' grade. The 'C' grade indicates that your child has demonstrated a satisfactory level of knowledge, understanding and skill in relation to the Achievement Standard.

Appeals

A student must initiate an appeal for any grade with their subject teacher. If a student is dissatisfied with that initial process, they must pursue further appeal through the Faculty Executive Teacher for that subject.

Executive Teacher

Gary Rolfe

18/02/2022