# GORE HIGHSCHOOL

# **SCIENCE DEPARTMENT**



## NCEA Level 1 Agricultural and Horticultural Science

### Student Handbook 2020

### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NAME : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

###### **LEVEL 1 Agricultural/Horticultural SCIENCE**

##### **COURSE OUTLINE**

Aims

• Develop student knowledge of management practices relating to soil, livestock and plant physiology as well as plant propagation techniques.

• Enable students to apply their knowledge during a practical horticultural skills internal assessment.

• Increase student awareness of human responsibilities in managing resources and the environment.

Course Outline and Assessment

The Year 11 Agriculture/Horticulture course may contribute 42 credits towards the National Certificate of Educational Achievement (NCEA), and these are based around th Achievement Objectives specified in *The New Zealand Curriculum, 2007*(NZC). It will comprise of Achievement standards and Unit Standards

Achievement Standards

|  |  |  |  |
| --- | --- | --- | --- |
| Name and number | Title | Credit weighting | Assessment |
| Ag & Hort Science 1.1  AS 90918 | Carry out a practical investigation | 4 | Internal |
| Ag & Hort Science 1.3  AS 90919 | Demonstrate knowledge of soil management practices | 4 | External |
| Ag & Hort Science 1.6  AS 90921 | Demonstrate knowledge of livestock management practices | 5 | External |
| Ag & Hort Science 1.7  AS 90155 | Demonstrate knowledge of pasture/crop  management practices | 4 | Internal |
| Ag & Hort Science 1.4  AS 90920 | Demonstrate knowledge of the geographic  distribution of agricultural and horticultural primary  production in New Zealand | 3 | Internal |

Assessment results are expressed as:

N Not Achieved (did not meet required standard)

A Achieved (meets the required standard)

M Merit (meets the required standard demonstrating good work)

E Excellent

Unit Standards

|  |  |  |  |
| --- | --- | --- | --- |
| This part of the course may offer | | | |
| Std No | Title | Level | Credits |
| 21561 | Use, Maintain and store agrichemical Protective Equipment | 2 | 2 |
| 21554 | DKO Safety with Agrichemicals | 2 | 3 |
| 561 | Install,dismantle and store temp electric fences | 2 | 2 |
| 572 | DKO electric fencing components | 3 | 5 |
| 27608 | Check and drive a basic wheel tractor on flat terraain | 1 | 3 |
| 19044 | Describe the legal requirements and occupational hazards associated with tractor use | 2 | 3 |
| 19138 | Monitor and Interpret Weather | 2 | 4 |

Assessment results are expressed as:

NA: Not Achieved

A: Achieved

Gore High School

AGRICULTURE AND HORTICULTURAL SCIENCE DEPARTMENT

ASSESSMENT POLICY AND PROCEDURES

The Ag/Hort Department will operate the following policies in 2020

Student Information

Each Student will be issued with a course handbook at the beginning of the year, including:

• Titles of the Achievement Standards in the course, their credit values and

assessment

methods

• A course outline

• An assessment statement detailing the approximate dates and types of

assessment

Authenticity

All work submitted for assessment must be the student’s own work. All resources used must be copied and submitted with assignments. Where appropriate, the sections of these references that were used should be highlighted.

Students and caregivers will be requested to sign authenticity declarations.

Where evidence indicates that work submitted is not authentic in these terms, Gore High School policy will be followed.

Appeals against Internal Assessments

Appeals must be made within two school days of work being returned. Initial approaches should be to the teacher, but if agreement cannot be reached, the HOD or the Dean should be consulted within the same time frame.

Deadlines

School policy is clear on submission dates, and will be strictly adhered to.

Reassessment

It is School policy that reassessment will be available only for those students who did not achieve credit or better in the initial assessment.

STUDENT RESPONSIBILITIES

1. Students should be familiar with the assessment program and policy in the Department.
2. Students should make sure they understand the approach to assessment in each case.
3. Students should take the responsibility for checking the accuracy and completeness of the assessment when work is returned.
4. Having checked the assessment, students should verify the sighting and acceptance of the grade by signing the cover sheet for each item of assessed work.
5. If there is a problem or concern with an assessment, it is the student’s responsibility to discuss this with the teacher in the first instance, or the HOD or Dean.
6. Where compassionate consideration is requested, such requests must be made in a timely way. Under normal circumstances, this must be before the submission date, but where there are special circumstances these must be brought to the attention of the Department as soon as possible.

For internal assessments, compassionate consideration may take the form of an estimated mark based on work with similar skill or knowledge content.

For external assessments, NZQA guidelines will be followed.

1. Students should be aware that student work may be retained by the Department until it is no longer needed for assessment purposes. Under these circumstances, the work may be copied for student use.

DECLARATION

I/We have read the student information and fully understand the requirements and obligations they describe. I understand that part of my responsibility in this course will be to attempt ALL external Achievement Standards during NCEA examinations.

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_

Caregiver Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_