

My Journey Option Subjects Info Sheet

(Each field should be between 50 – 60 words)

Option Subject: Agribusiness

Kindly indicate route offered:

Applied: _____

Academic: _____

Vocational: ☒ _____

General introduction to the subject:

Plant and Animal Science are applied into plant, animal and fish husbandry producing a sound basis for learners who are interested in the Agricultural, Aquatic, Pet, Veterinarian and Environmental conservation sectors. Most of the learning is done with a hands-on approach within the following settings: open fields, science labs, fish rooms, greenhouses, rabbitries and other farms, fish hatcheries, plant nurseries and much more.

List topics studied:

- a. *Plant and Soil Science – consists of applied plant science, field planning, soil science and plant nutrition.*
- b. *Aquatic and Land Based Production – consists of fish biology, ornamental and commercial fish breeding, plant physiology, crop cultivation and marketing and plant propagation techniques.*
- c. *Rabbit Breeding and Genetics – consists of rabbit biology and behaviour, rabbit keeping (pet and commercial), rabbit health and breeding and rabbit meat industry.*

Class activities involved: work involved with farm animals, fish and plants. Use of scientific apparatus for learning science concepts and taking samples. Caring and breeding of animals. Lots of group work. Presentations and discussions.

Homework assigned:

Consolidation exercises. Some research. Part of an assignment may be given as HW.

Assessment given:

Yearly Assessment is based as follows:

Assignment 1 and 2 (coursework - 60% of year) - ½ written coursework ½ practical tasks.

Assignment 3 (exam paper – 40% of year) – written paper

The marks for years 9, 10 and 11 are all added up for the MATSEC (O'level) grade.

List skills acquired studying the subject:

- a. *Ability to work as an individual or in a group.*
- b. *Ability to make your own research and make the necessary references.*
- c. *Skills in horticulture, animal husbandry, aquaculture and environmental conservation.*
- d. *ability to make educated judgements*

List skills required to study the subject:

- a. *Comfortable to be working with your hands.*
- b. *Comfortable to be working with animals.*
- c. *Comfortable to be working within fields, nurseries and greenhouses.*
- d. *Willing to work outside the classroom and outdoors.*

Name of Education Officer: Dirk Muscat
Email address : dirk.muscat@ilearn.edu.mt