

Subject name Agricultural Science – Junior

Subject code AGT

Additional subject cost: A \$15 consumables fee

\$10 per term bus fees for travel to Wilsonton Agricultural Field Studies Centre (User pays)

Prerequisites Nil

Course overview The contemporary agriculture sector offers career opportunities that include science, business, tourism, design and engineering. The Year 9/10 Agricultural Science course is designed to provide a basic understanding of the relationships between plant, animals, humans and the environment. Students will gain an understanding of the food industry whilst developing their communication, leadership, management and technology skills. The course places considerable emphasis on practical work, which is conducted at the Wilsonton Agricultural Field Studies Centre.

Course outline

Major units of study include:

- agriculture industries – local and worldwide
- animal husbandry
- plants
- chemical safety
- machinery and technology
- Workplace Health and Safety

The practical work in which students will be involved include:

- handling of animals competently and safely
- safely maintaining and operation of equipment
- handling chemicals safely
- recording and presenting observations accurately
- observing animal and plant systems

Assessment These may include written tests, assignments and projects, as well as completion of practical tasks.

Subject requirements Work will involve both theory at school, practical work at school and the Wilsonton Agricultural Field Studies Centre and field trips/excursions. Students are required to travel to and from the Wilsonton Agricultural Field Studies Centre during their breaks and are required to wear a hat during these sessions. Shoes with impervious uppers are required for safety reasons. Activities within the course may be considered high/extreme risk and parental permission will be sought for each of these types of activities.

Career opportunities Agricultural Science may lead to careers in agricultural research (scientist), animal industries, seed and grain industries, pastoral companies, veterinary science, teaching, government departments (e.g. Primary Industries, Natural Resource Management, Department of Environment and Resource Management), banks and financial sectors, and horticultural industries.