



Year 8 Agricultural Science



Overview

Year 8 Agricultural Science is an elective subject that will be studied for one semester. This course aims to introduce students to how we use plants and animals in agriculture. Students will learn the importance of agriculture and develop an appreciation of the careers available in agriculture.

Agricultural Science develops students' knowledge and understanding of scientific principles within the specialised area of agriculture. It is designed for students interested in managing their own farm, pursuing a professional career in one of the many agricultural fields or has a strong interest in agriculture. This subject also complements Core Science.

Students will do some laboratory based experiments as well as begin to develop some skills useful for agriculture. There will also be a theory component to the course. The course is designed for students who will choose both skills based and academic courses in later years at school.

After year 8 students can continue studying Agricultural Science through to year 12 or choose the more skills based pathways which include certificate courses and Agricultural Practices. In years 11 and 12, students may also choose to follow one of the school's signature programs of Agricultural Professionals or Agricultural Futures.



Topics studied

Animals in Agriculture	Students will learn how we grow animals for food and fibre in agriculture. Students will study the animals we have at the Bunya Campus as well as other animals used in agriculture as well as some different breeds of cattle sheep and chickens. They will observe cattle and sheep being handled and help out with moving sheep through the yards.
Plants in Agriculture	Students will be provided with a brief overview of the crops grown at the Bunya Campus. They will learn how to propagate plants from seed and they grow some vegetables for themselves. Where possible they will observe planting and harvesting operations of cereal crops on our farm.
Careers in Agriculture	Students will gain an appreciation of the careers available in agriculture, including skills based and professional. Students will have an opportunity to visit a farm or agricultural research facility as a field trip.

Study Pathways

