

AGRICULTURE

Students will investigate animal husbandry and learn practical, transferable skills in the Agriculture Centre. This subject provides the opportunity for students to experience animal husbandry with horses, goats, cattle and chickens. Students will also learn the appropriate and safe use of chemicals.

Agriculture in Year 10 will prepare students for Senior Agricultural Practices. Agriculture will support learning in Science, Maths and other practical subjects. Students may choose Agriculture due to interest or if they are pursuing a career in the agricultural, environmental or animal sectors.



HOME ECONOMICS

Year 10 Home Economics builds students' practical skills and understanding of food and textile studies with a focus on sustainability and culture. Students explore Australia's First Nations Peoples' cuisines, native ingredients, and sustainable food practices while continuing to develop safe food preparation and hygiene skills, leading them into Hospitality Practices.

In textile studies, students refine sewing and design skills through creative projects. In the "Gift of Giving" unit, students create a garment for donation, while the "Revitalising the Wardrobe" unit focuses on repairing, redesigning, and upcycling existing clothing items.

The course encourages creativity, sustainability, problem-solving, time management, and responsible consumer choices while developing practical life skills for everyday living.



STEM

In STEM, students will develop a sophisticated understanding of the synergistic relationship between Science, Technology, Engineering, and Mathematics (STEM). This will provide a powerful framework for addressing complex global issues through advanced project- and problem-based investigations. Building upon prior knowledge, students will delve deeper into specialised areas within Digital Technologies, Physics, Chemistry, Biology, Mathematics, and Engineering to solve real-world problems.

Students design and program robots, fly and analyse drone data, use advanced 3D printing for prototypes, conduct scientific research, and develop solutions for school and community issues. Students will build crucial critical thinking, creativity, collaboration, and problem-solving skills needed for future STEM careers and being informed global citizens.

