Design & Technology

Contact Person: Mr. Tristan Kouwenhoven
Contact Email: tristan.k921@schools.sa.edu.au

Subject Overview:
Design & Technology is aimed at preparing young people to cope in a rapidly changing technological world. Students are given tasks to equip them with the knowledge, skills and understanding about materials, tools and processes. Our courses aim to help students become autonomous and creative problem solvers in the main areas of Timber, Metal, Plastics, Automotive, Digital Photography and Information Processing & Publishing.

Middle School Pathway:
An introductory semester course to Design and Technology is compulsory at Year 8. In this program students will have the opportunity to rotate through an arrangement of Plastics, Timber, Metal, Food, ICT and Textiles in 6 week blocks. In Year 9 students have a compulsory semester and choose between Technology A – Construction Technology (Timber, Metal, Plastics and Automotive) Technology B – Food, Textiles, ICT
Students may choose an extra semester of study in this curriculum area. In all subjects WHS is paramount and also studied as a key topic of the course. The Design & Technology curriculum provides students with a range of activities including investigative and group activities, problem solving tasks and evaluation of existing products and systems.

Senior School Pathway:
Senior students design and create products/systems that meet a design brief, and develop the knowledge and skills associated with using different processes and production techniques. The students combine their designing/creating skills with knowledge and understanding of materials, information and equipment to make quality products. Students also analyse the impact of technological practices, products or systems on individuals, society and the environment and develop insights into the uses of technology in future contexts.

At both Year 10 and Stage 1 all of the subjects are 1 semester in length and have no prerequisites. Students can choose from a broad range of construction subjects using materials and/or communication products.

At Stage 2 we offer 4 full year subjects: Material Products: Furniture Construction and Metalwork, Communication Products: Digital Photography and Information Processing & Publishing
These subjects have a large practical component and students will develop the ability to work both independently and collaboratively in “work like” settings. Successful students are required to use the “design, create and appraise process”. All of the courses are designed for students with some creative flair and enjoy a “hands-on” approach to learning.

Post School Pathways:
Further Education TAFE, University, Traineeships, Apprenticeships

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