DESIGN

Elective Learning Area

Course Outline

Design focuses on the application of design thinking to envisage creative products, services and environments in response to human needs, wants and opportunities. Designing is a complex and sophisticated form of problem- solving that uses divergent and convergent thinking strategies that can be practiced and improved.

Students learn how design has influenced the economic, social and cultural environment in which they live. Students learn about and experience design through exploring needs, wants and opportunities; developing ideas and design concepts; using drawing and low-fidelity prototyping skills; and evaluating ideas and design concepts.

Pathways

Year 11 Design

Structure

Areas of study	Core topics
Graphic Design	• Elements and principles of design • Colour theory
Architecture	• Famous architects • Architectural drawing types • Design process
Industrial Design	• 2D, 3D Modeling • Materials • Sketch Up, Autodesk Inventor
Sustainable Design	• Economic, social and ecological factors • Product lifecycle

Assessment

2x Projects Folio of work

Exam – Design Challenge

Additional Costs

Nil unless excursions are arranged