**Name of Subject:** Design and Technology - Material Products (woodwork)

**Stage:** 1

**General information:** Material Products involves the use of a diverse range of manufacturing technologies such as tools, machines, equipment, and/or systems to design and make products with timber and timber products. Timber and timber products are the primary materials used in this subject.

**Content:** Students design and create products or systems that meet a design brief, and develop the knowledge and skills associated with using different processes and production techniques. They combine their designing and creating skills with knowledge and understanding of materials, information, and equipment to make high-quality products or systems for intended purposes. They analyse the impact of technological practices, products, or systems on individuals, society, and/or the environment now, and develop insights into the uses of technology in future contexts.

**Assessments:** The following assessment types enable students to demonstrate their learning:

- Assessment Type 1: Skills and Applications Tasks 20%
- Assessment Type 2: Folio 20%
- Assessment Type 3: Product realisation 60%

**Preferred prerequisites:** Completion of at least year 10 Technology Studies would be beneficial for a satisfactory completion of this subject.

**Special Information:** Stage 1 Design and Technology students may occasionally need to work after school on Tuesdays 3.30pm until 5.00pm in order to complete their product. Materials for the student’s major project are at an additional cost to College fees. Students will negotiate an individual design and construction project with the teacher.