

Queen Margaret College
Year 13 Materials Technology Programme 2019
Level 8 of the New Zealand Curriculum

| Standard Number | Achievement Standard Title | Credits | Internal/ External | Proposed assessment date |
|-----------------|---|---------|--------------------|---|
| AS91611, 3.4 | Develop a prototype considering fitness for purpose in the broadest sense. | 6 | Internal | Term 3, Week 8 20 September |
| AS91623, 3.23 | Implement complex procedures to create an applied design for a specified product. | 4 | Internal | Term 3, Week 8 20 September |
| AS91626, 3.26 | Draft a pattern to interpret a design for a garment. | 6 | Internal | Term 2, Week 5 31 May |
| AS91617, 3.10 | Undertake a critique of a technological outcome. | 4 | External | Term 2, Week 10 5 July Submission 1 Term 4, Week 2 25 October Final submission |

Course details

This course builds on the technological skills and understanding developed in the Year 12 course but with a client focus. Students at this level are working with an identified client and the final outcome of their project must meet the needs of this client. This course has a project management focus where students work on an independent long term project, requiring them to plan and manage their own time, resources and outcome development. Student topics will require completion of research, design, development work, pattern-making, practical samples, written tasks and a practical solution. The external assessment standard will be prepared in stages over the course of the year, building into the student project work and is finalised as a written report which is sent to NZQA as a folio submission for examination. Students may choose to enter for Scholarship in Technology, which is also a folio report submission examination.

Course Information

- Materials Technology is a year-long practical based course.
- There is a \$50+gst annual consumables fee for Materials Technology. This will be charged to your school account.
- Students in this course have the option to purchase the Adobe Creative Cloud suite for approx. \$32. This gives them a one year subscription to industry standard software such as Adobe Photoshop, Illustrator, and InDesign. This will be installed at school and charged to students' school accounts (not required if already purchased for Photography, Design or Media Studies).
- Students will work on individual practical projects that will require them to purchase some of their own material resources. Specific details will be given to students at the start of each topic.
- There may be planned trips / visiting speakers throughout the year which are necessary to develop knowledge for some assessment tasks in the unit topics. You will be notified of any costs associated with any trips or speakers (eg: travel, entry fees). Costs incurred will be charged to your school account.

- Students who opt to enter Scholarship in Technology will be required to scan and colour print approx. 70 pages from their project visual diary to accompany their Scholarship report submission as required evidence of own practice. Colour photocopy or printing costs are the responsibility of the student.

Homework expectations:

Your daughter should be learning at home for a total of at least 15 hours per week, across all subjects.

To achieve at a high level in this subject, students are expected to complete some homework during the week. Homework might include:

- Carrying out individual project - written, research or design sketching tasks.
- Attending lunchtime workshops to complete any practical work or to access extra help with practical work.
- Catching up with work not completed during class time.
- Sourcing materials and resources for practical construction work.