

Queen Margaret College
Year 12 Materials Technology Programme 2019
Level 7 of the New Zealand Curriculum

Standard Number	Achievement Standard Title	Credits	Internal / External	Proposed assessment date
AS91350, 2.26	Make advanced adaptations to a pattern to change the structural and style features of a design. 'Junky Styling' topic.	4	Internal	Term 2, Week 1 Final Assessment: 3 May
AS91363, 2.10	Demonstrate understanding of sustainability in design. 'Junky Styling' topic.	4	External	Term 1, Week 11 Formative #1: 12 April Term 2, Week 4 Formative #2: 24 May Term 4, Week 2 External final submission: 25 October
AS91345, 2.21	Implement advanced procedures using textile materials to make a specified product with special features. 'Inspirational Design' topic.	6	Internal	Term 3, Week 9 Final Assessment: 27 September
AS91357, 2.4	Undertake effective development to make and trial a prototype. 'Inspirational Design' garment topic.	6	Internal	Term 3, Week 9 Practical due: 27 September Final Assessment: 14 October

Course details:

Students will work on two units of work over the course of the year. Practical outcomes are undertaken providing students with the opportunity to work with a variety of materials. Each unit of work requires completion of research, design, development work, written tasks and a practical solution. Development of unique patterns through visual design techniques, idea generation and adaptation will be a focus of level two construction processes. The two main topics will take approximately 12 weeks each to complete. The external assessment will be prepared as part of the 'Junky Styling' unit and is in the form of a written report folio submission to NZQA, based on sustainability practices in the fashion industry. There are various opportunities throughout the year for students to enter secondary school design competitions.

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 elect to enter their project work into any design competitions (eg: OverSew Fashion Awards competition / HETTANZ Student fashion Awards) will be required to pay their own entry fee and courier ticket costs.

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.