



# GUIDELINES FOR HOME LEARNING FOR TECHNOLOGY SUBJECTS

March 2020

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Within the Technologies Faculty, there our subjects fall within:

- Computing
- Food
- Textiles
- Timber.

Below is what the Technologies Faculty will be proposing going forward for students working from home or in the case of a school-wide closure.

## **Computing:**

This includes the Years 11 and 12 SDD (Software Design and Development), Years 9 and 10 IST (Information and Software Technology), and Year 7 Technologies Mandatory – Digital Technologies subjects.

These subjects obviously lend themselves quite well to an online learning environment. As such, most lessons can be undertaken by students using their MacBooks and completing the assigned work delivered through Teams, Student Café and/or One Note.

However, some practical activities require students to interact with physical components such as robotics. Obviously, this won't be possible until students return to school. As such, these activities will be delayed where possible and cancelled where necessary.

## **Food, Textiles and Timber:**

Each of these areas will be dealt with individually below, but collectively, they are all subjects where much of the learning takes place within the context of practical experiences. Typically, 50-75% of class time is spent on practical tasks. As such, there will not necessarily be theoretical activities for students to undertake at home during every timetabled period. Again, any assigned work will be delivered through Teams, Student Café and/or One Note and supplemented with videos as appropriate.

### **Food:**

This includes the Years 11 and 12 Hospitality, Years 9 and 10 Food Technology and Year 7 Technology Mandatory – Agriculture and Food Technologies subjects.

These subjects typically have a 50:50 practical to theory ratio. Lesson material will be provided to students, covering the theoretical components of the course.

In relation to practical experiences, there are some options. Depending on students' age, level of home supervision, and the current food supply issues, it should be possible for students to complete some practical tasks in the home kitchen. This could be either following set recipes or sourcing a recipe that uses available ingredients.

### **Textiles:**

This includes Years 9 and 10 Textiles Technology and Years 7 and 8 Technology Mandatory – Textiles.

These subjects typically have a 60:40 practical to theory ratio. Lesson material will be provided to students, covering the theoretical components of the course.

In relation to practical experiences, we acknowledge that few students will have access to a sewing machine. Given this, practical experiences may make use of non-traditional textile materials in order to allow easier access to those experiences. It should also be noted that any practical experiences developed for home will almost certainly be different to those that were planned for use at school. This may result in some of the theory covered not necessarily aligning neatly with the practical experiences being undertaken. We are currently looking at whether we can provide students with some basic materials to allow a wider (but still limited) range of practical experiences. We will let you know about our progress with this.

### **Timber:**

This includes the subjects Years 11 and 12 Industrial Technology: Timber Products and Furniture Technologies, Years 9 and 10 Industrial Technology: Timber, and Years 7 and 8 Technology Mandatory – Engineering and Timber.

These subjects typically have a 75:25 practical to theory ratio. Lesson material will be provided to students, covering the theoretical components of the course.

In relation to practical experiences, it is unrealistic to assume students would have access to many of the tools we take for granted in the School workshops. As such, practical experiences that involve the use of hand, power and machine tools are not an option. Instead, some alternate practical experiences will be developed. These may take a variety of forms but will largely involve design and drawing skills. When possible and appropriate, these will be focused on the projects that students would be undertaking currently or will be undertaking upon return to regular schooling.

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