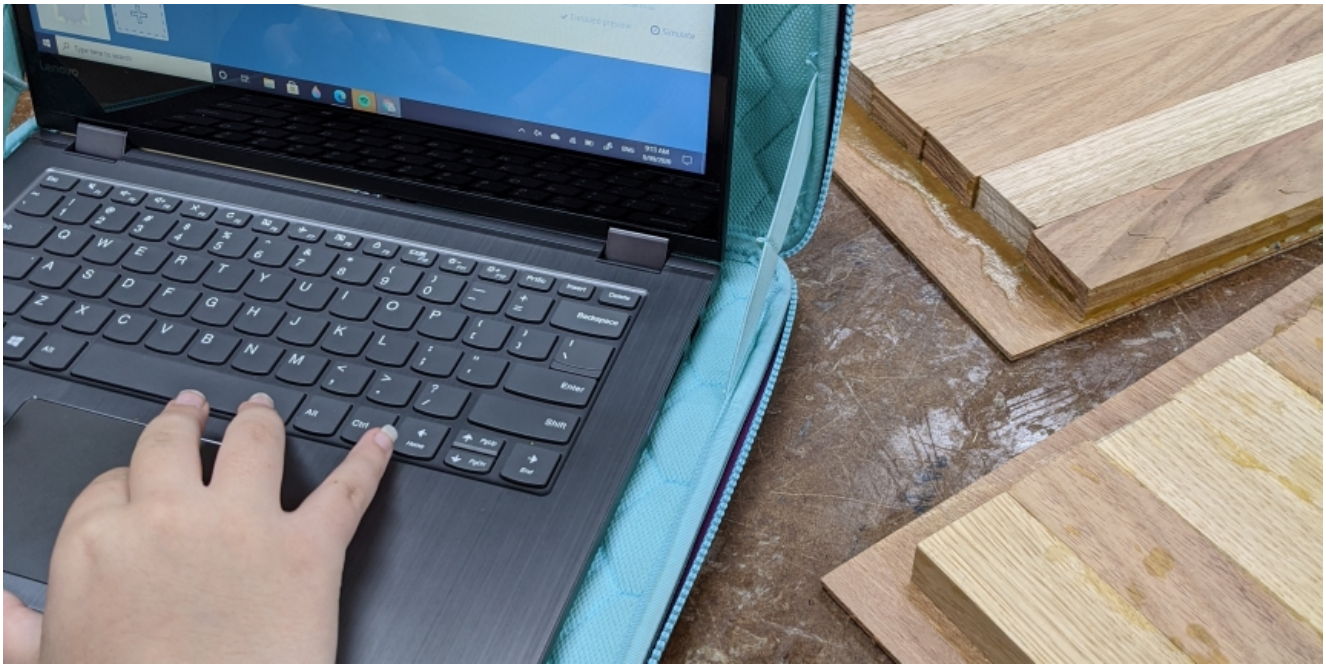
THE WAY

THE WAY WEEKLY RECAP I MONDAY 14 SEPTEMBER 2020

- 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YEAR 7 AND 8 TECHNOLOGY MANDATORY PROJECTS

Year 7 and 8 students are currently completing a range of exciting practical activities in Technology Mandatory.

Throughout Years 7 and 8, all students spend time learning about the key technology areas of Engineered Systems, Materials (Timber), Agriculture & Food Technologies, Textiles and Digital Technologies in the Technology Mandatory course.

The development of important technical and practical skills is a feature of the tasks that have been set for students, with the projects involved in Materials and Textiles & Digital Technologies providing students with the opportunity to engage with innovative technologies. It is also hoped that by undertaking these projects, in line with the College's graduate outcomes, students develop their abilities as creative, curious and critical thinkers who are effective communicators, resilient in the face of challenges and foundationally literate when using a range of technologies.

Students who are completing the Textiles and Digital Technologies unit this semester are currently using the LilyPad Arduino system to design and make a monster. The monsters feature a

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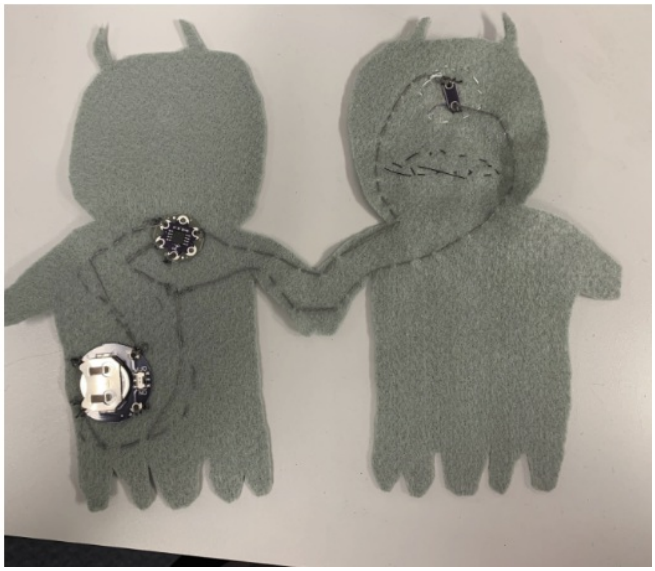
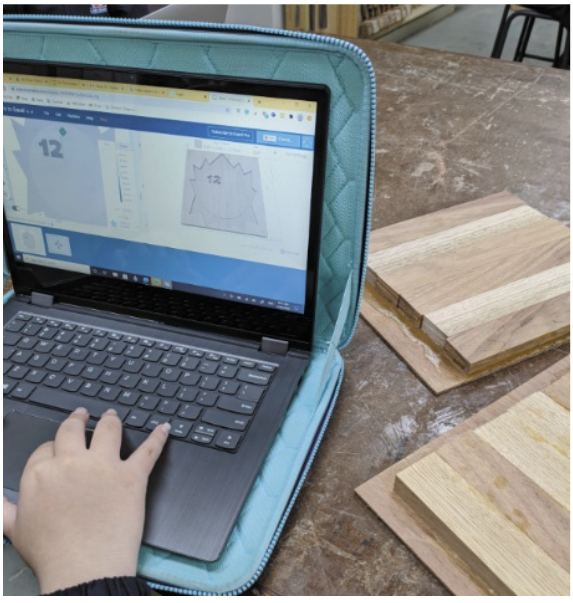
circuit created with conductive thread used to power LED lights. As part of this unit, students also engage with coding using the Arduino platform.





Agriculture and Food Technologies students are working towards designing their own stir fry recipe, featuring ingredients grown in The Grange, the College's fruit and vegetable garden. Students will be preparing their stir fry meals in class over the next two weeks.

Students who are completing the Materials unit this semester have been designing and are in the process of constructing timber clocks. Skills have been developed in cutting and laminating timber as well as implementing veneer tessellation techniques. In building their clocks, students have been using our X-Carve CNC machines to transfer their digital clockface design to the timber.





The TAS faculty are looking forward to seeing some fantastic finished products once students have completed these tasks.

Mrs Megan Bennett
Director of ICT and TAS Coordinator

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