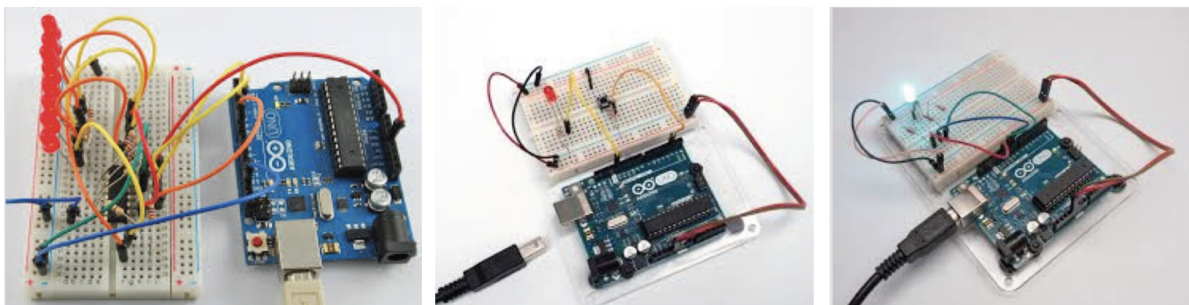


## STAGE 4 TECHNOLOGY MANDATORY

**Years 8 and 9 Stage 4 Technology Mandatory (Digital Technologies & e-Textiles) students have been learning about electronic systems.**

They have been learning how to create pseudocode and construct a number of Arduino circuits to develop their computational thinking and coding skills.

Normally, when in class, they could have been working in a 'hands on' situation using Arduino kits and breadboards and following the instructions from SIK guide booklets.



Now with Blended Learning, we had adapted our learning and students have been able to engage in the same learning outcomes using the platform [www.tinkercad.com](http://www.tinkercad.com)

In this platform, students have their own log-in details and their teacher monitor their progress remotely, still giving individual feedback and group instructions via video tutorials and zooms.

Stage 4 students get just a taste for how flowcharts and coding can be used in a range of professions and how it is applied in everyday scenarios.

Here are a few examples of what they have been able to do.

**Mrs Helen Bull**

Year 8 Advisor & TAS Teacher

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