Tinkercad & 3D Printing

Design & Prototyping Level 1

Duration

AM Session

9:30 – 11:30am

PM Session

12:00 – 2:00pm

Session timings may be adjusted slightly to suit school calendars between the hours of 9:30 – 2:30.

Curriculum Level

This program is suitable for students from level 8 to level 10.

Class Size

1 Class: 28 students
2 Classes: 52 students

Students will learn the basics of 3D design using Tinkercad to create their own 3D file. Once the file is created then the students will learn how prototype using 3D printers onsite.

- 3D Image Designing
- 3D Printer Software Training
- Precision Manufacturing
- Career Pathways

Design & Prototyping	
Level 1A **Tinkercad & 3D Printing**	Learn how to use Tinkercad / Illustrator to use 3D Printers, CNC, laser cutters, vinyl printers, and Cricut machines.
Level 1B **Illustrator**	
Level 1C **Cricut**	
Level 2 **Blender**	3D modelling with Blender.
Level 3 **3D Scanner**	3D Scanning, fixing the model for a perfect 3D model. *Releasing Term 2.*