

# GEELONG TECH SCHOOL

STUDENT WORKBOOK

## 3D DESIGN

MODULE 6 – DXF AND SLICER



STUDENT NAME:

SCHOOL:

## MODULE 6 – DXF AND SLICER

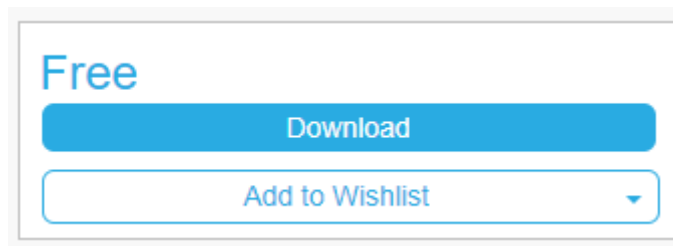
### INVESTIGATION: GENERATING DXF DRAWINGS AND USING SLICER



*Fusion360 is able to slice a 3D part into 2D sections. This is an extremely useful tool for rapid prototyping manufacturing methodologies such as 3D printing, or if we would like to build up a three-dimensional object out of a flat material such as plywood. In conjunction with the slicer software, generating a 2D DXF drawing allows laser cutters and CNC routers to easily interpret our designs to produce tangible products.*

At the Geelong Tech School we have a laser cutter that can cut a number of plastics, wood, cardboard and other sheet material up to 900mm by 600 mm and up to 12mm thick.

Prior to watching the instructional video, click [here](#) to download and install Slicer for Fusion360. Simply click on the blue Download button on the top right of your browser window and follow the Windows prompts.



[Click here to open and prepare some DXF drawings from the "Slicer Example Piece.f3d" model.](#)

Click [here](#) to watch a video tutorial and follow along on your own device. Feel free to pause and rewind if you need to see a step again.



**Paste a screenshot of your generated DXF in the space below.**





Click [here](#) and complete the quiz (using Google Chrome, Firefox or Safari) to cement your knowledge. Paste a screenshot of your results in the section below, after you have completed the quiz.

