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Dear Dean,

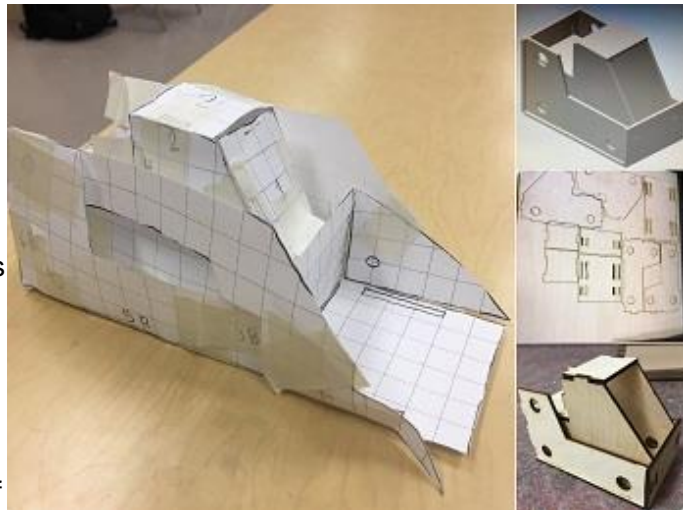
Date: May 16, 2019

The Emblaser Laser Cutter & Engraver Opens up a World of Possibilities in Grade 11 Design

Featured Project detailed by Mr. Cinti,
Technology Teacher

Using the Emblaser 2 in my Grade 11 Design class has opened a world of possibilities.

For a project based activity, students had to design their own Wooden Toy made of plywood that fits together like a puzzle. Students first sketched ideas and then made paper models. The project was open to whatever object they wanted to create with at least 10 parts. Once the paper model was completed, they moved into Autodesk Inventor and 3D modeled their parts and assembled them to get a sense of how they fit together. Parts were laid out in AutoCAD to maximize material use and limit waste.



The Emblaser 2 was the tool that brought their ideas to life with being able to cut the layout file out of 3mm plywood with ease. Once cut, students could assemble their model and make any other modifications and adjustments. Being able to cut one piece at a time and use small scraps made for quick testing and fitting. The Emblaser2 handles the plywood well and cuts precisely so parts fit together well.

For the Monopoly Board we combined graphic design with engraving to allow a Wood Manufacturing student to design and build his own wooden board and cabinet.

So far, very pleased with the ease of use and the capabilities of the Emblaser 2.

Mr. Cinti

Technology Program Head; Design and Communication Tech Teacher
Monsignor Doyle C.S.S
Cambridge, ON



[View all images](#)

[Learn more about the Emblaser laser cutter & engraver](#)

The Emblaser, a perfect combination of ease-of-use, size, power and **affordability**. Designed to be user friendly, easy to setup, safe and easy to use in any classroom.



One of the incredible features of the Emblaser 2 is true 3D cutting & engraving. You can automatically adjust the height of the laser while cutting and engraving to gain an extra dimension of control.

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