

CASE “Maker Camp”

If you might be wondering what Benedictine students do during their summer vacation. this past week six members of the Engineering Club participated in a week long “MakerCamp” at the think[box] with six members of Beaumont’s Academic Scholars program. Our students learned, planned community service projects and execute their plans. The camp planned and supported by MAGNET, Case staff, Gretchen Santo the advisor to the Academic Scholars and Yvonne Schiffer the advisor for the Benedictine Engineering Club. The students received training on the waterjet cutter, 3D software, CorelDraw, laser engravers, vinyl cutters and 3D Printers. There were also seminars on Biomedical Engineering, Welding and Product Innovation. Every student had the opportunity to use each of the machines for both personal projects and joint service projects for both schools and the Christ Child organization.

Participating from Benedictine were seniors Gavin Majakis and Andrew Schiffer; Juniors DeShaun Valentine and John Poston and Sophomores Max Bouffard and Luke Faulisi.

The service projects included using the waterjet cutter to make two signs for Benedictine. The first sign will be mounted on the column for “St. Andrew Abbey” on Martin Luther King Boulevard.

The second is a “Welcome to Benedictine – Home of Champions” sign for Bossu field.



A new sign for MLK Boulevard - This sign was made on the OMAX 5555 Waterjet Cutter. This machine uses a high pressure stream of water and fine abrasives to cut 2D shapes out of almost any material including metal. The students earned an ability badge and were taught how to use the software interface. John, Max and Luke made this sign. The second sign pictured with members of the soccer camp and future Bengals participating in

Using the laser engraver and CorelDraw the students were able to design nameplates for the staff and members of the Board of Directors for Beaumont and ornaments for Christ Child that will be sold to raise money to support children’s efforts in the Cleveland community.



soccer camp on Bossu field was made by Andrew, Gavin, and DeShaun.

They are pictured “at an almost safe distance”. When the machine starts up there is a fair amount of splash during the machine operation.



Pictured from left to right with some of their designs are Luke, John, DeShaun, Max and Andrew. Some additional service projects are also shown above.



It was a great week at @CWRU think [box] for our students to learn and make. Thanks to think [box] and MAGNET for the opportunity.