

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” with six members of Beaumont’s Academic Scholars program. Our students learned, planned community service projects for the Benedictine Hockey team and Christ Child and executed their plans. The camp was planned and supported by Cleveland State University staff, Gretchen Santo the advisor to the Academic Scholars at Beaumont and Yvonne Schiffer the volunteer advisor for the Benedictine Engineering Club. The students received training on 3D software, CorelDraw, laser engravers, vinyl cutters, button makers, embossers and 3D Printers. There were also two engineering challenges each day. Each of our students had the opportunity to use each of the machines for many individual personal projects and special Father’s Day gifts.

Participating from Benedictine were Cory Fox, Shaun Valentine, Michael Price, Marveon Gregg, Anthony Gaskins, and Jack McBride.

Using the laser engraver and CorelDraw the students were able to design name tags and phone stands on their first day which was held at Benedictine. They were also able to get



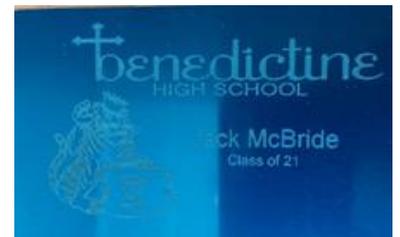
familiar with working with the Universal Laser engraver in our Makerspace. The students also partnered with the ladies from Beaumont to compete in several engineering challenges. On the second day the group met at Beaumont’s Engineering Lab equipped with several 3D Makerbot Plus Printers. Each student designed a project in Tinkercad and printed it in between engineering challenges and an ethics project.



Days three – five were held at the Dan T. Moore Makerspace at Cleveland State University. The students completed the Ethics interaction, used the Laser Engravers, participated in material’s evaluations and competed in multiple challenges between individual projects on their multiple laser engravers, a vinyl cutter, embosser and button maker. Each student also met with Dan T. Moore and discussed their plans and projects. Dan is pictured below with our group.



Pictured below are our students in design mode.



It was a great week at @CSU for our students to learn and make. Thanks to Dan T. Moore and Cleveland State Engineering for the opportunity.

Dan I. Moore MakerSpace

