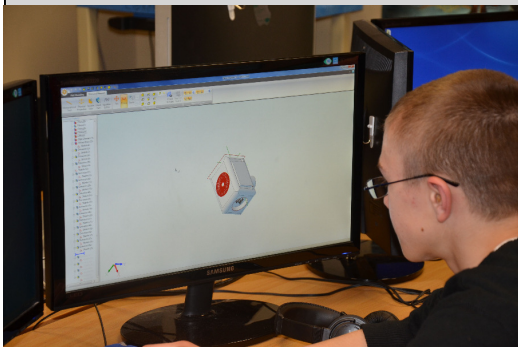# IBM Grant

Tri-Village high school has received a significant contribution to their Science, Technology, Engineering, and Mathematics (STEM) program. The STEM program is pushing the boundaries of technology in the classroom, opening up opportunities for students to experience new computer, engineering, and design programs they would not otherwise encounter. Thanks to Matt Fraylick and IBM, Tri-Village was honored to receive a grant for $3,000 to support the program and purchase resources for the students.

Utilizing funds from the IBM grant, Tri-Village Jr./Sr. high students have been actively engaged in mathematics, science and art! We were able to purchase a cube 3D printer. Students have been learning 3D printing software to design and print 3D models in ABS plastic. Students are designing plastic parts for local businesses as prototypes, crafting jewelry, and creating polyhedrons then printing them on the printer. Students have been able to implement a variety of their mathematics skills, learn vital technology skills, and learn problem solving throughout the process. Most of the students are motivated simply by the ability to print their virtual creation in plastic. It has been a great learning tool that has enhanced their curriculum and significantly improved student motivation towards learning mathematics, science, and technology.

Tri-Village was also able to fund a Wacom tablet. This new technology tool has significantly increased their ability to attract creative students into their STEM program. The tablet is used as a drawing/creating surface for artwork, textures for game design levels and objects, and 3D modeling. Students wait in line to get their hands on this very impressive tool, just to do their "engineering" work.

The $3,000 grant from IBM has allowed the TV STEM program the opportunity to increase student motivation and significantly enhance our learning of mathematics, science and technology. Tri-Village is deeply honored to be receiving the same grant for next year's program, and greatly appreciate IBM's support in their efforts to improve STEM at Tri-Village.

Important Dates:
Seniors Final Day May 24th.
Last Day for Students - May 31