

Robotics' Launch at St. Mary-St. Cecilia Catholic Elementary School

A must watch!

Video (2 min) This isn't a Robot <https://www.youtube.com/watch?v=mtE6Va6oOhU>

The take off with robotics at St. Mary-St. Cecilia Catholic Elementary School ensures great gains in all areas of school community, engaging curriculum applications and increased student achievement.

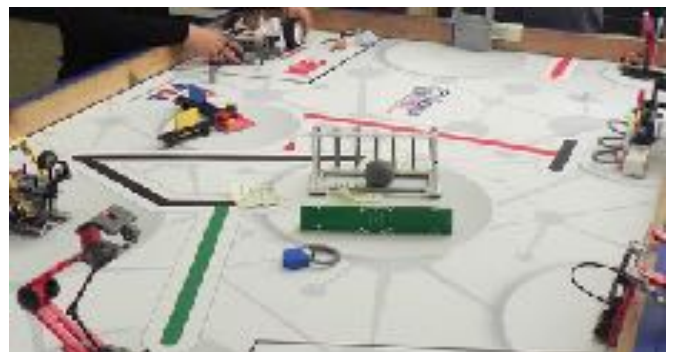
This school team had their first professional development that focussed on learning about the connections between education and robotics. They explored the rich curriculum connections for student learning alongside how this interactive hands-on approach will further develop student creativity, innovation and other areas of the 21st century competencies.



Oftentimes we hear and acknowledge as educators, that there are career pathways that are yet to exist, for which we are preparing our students. Developing critical thinkers around areas of engineering, mathematics, and technology, where students experience the necessity for, and the further development of, effective communication and collaboration provides students with various skills that they will continue to require and draw upon.



Although this school team is in the initial stage, where the teachers are gaining knowledge, understanding and expertise to deliver an effective robotics program, the goals are that the program will provide students with the opportunity to apply mathematical knowledge to real-world situations and that students will have the opportunity to collaborate, problem solve and work with their hands. Also, students will be challenged to apply their conceptual



understanding of math, solve problems in teams and share their learning as they diagnose and test solutions to a variety of cross-curricular problems. This leads to increased math confidence, growth mindset, meaningful applications of technology and renewed interest in applied math applications.

Stay tuned, as we will continue to share our journey with robotics as we grow as learners and invest into our students, providing them with the necessary skills that will

empower them for their future as contributing members of society with an evoked awareness of global citizenship.