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Munster High School students are supported in their STEM learning through adult-world connections and extended day opportunities. Munster High School has a vast array of extracurricular clubs that support students' STEM learning.

Our Science Olympiad team has won the state championship four of the last five years; in fact, the 2016-2107 team set the state record for scoring. This team proudly boasts that it is an all-inclusive club with nearly fifty students competing throughout the year. This team has many adult mentors who help students prepare to compete in over twenty events. Experts that help assist the team throughout the year include: a material science engineer, national event coordinator, EPA employee, the Community Hospital and a former Fermi Lab employee. In addition to these adults who have assisted the team, there is also a tenured professor from Indiana University Bloomington who consults the female student teammates on being a woman in the male-dominated field of science.

Our Robotics team has also had much success in the eight-year existence of the team. This team currently has nearly forty students engaged in an all-inclusive club that meets after school. Currently our team is in second place overall in the state of Indiana and hopes to attain national qualification status later this month. This club has several adult mentors assist throughout the school year. Experts that help assist the team throughout the year include: a computer programmer, mechanical engineer, CAD design mentor, vice president for Oracle and a business owner.

Other successful all-inclusive STEM clubs that are established and have been successful over the years at Munster High School include TEAMS (engineering competition), Academic Super Bowl, and HOSA (Health Occupation Students of America). Our TEAMS engineering competitors have won junior varsity/varsity state championships and national recognition for top ten finishes. In addition, over the years our Academic Super Bowl teams have won state championships related to Science and Math. The TEAMS competition team consists of over forty students who compete annually. The Academic Super Bowl team consistently maintains a roster of nearly thirty students. This year our athletic trainer took our HOSA team to the state leadership and competition. These students aspire to one day be employed in the health occupation field.

Munster High School has also established other adult-world connections through internships, mentorships and other partnerships that occur within the school day. Our established internship with Community Hospital and soon to be partnership with Purdue University Northwest will allow our students to shadow and participate in research and observations within these fields of study. Our Botany class currently works with a Master Gardner who advises on community gardening and proper care of various species of plants currently growing in the greenhouse. Our Project Biology environmental science class is fortunate to have retired teachers and a USGS expert who contribute to the field experience of the students who annually trek to Big Pine Key, Florida each spring.

After completing the self-assessment, it is clear to see that Munster High School has numerous opportunities for students to engage in extended day enrichment through clubs and outside partnerships. Our eighth grade parent night showcases all of the clubs and extracurricular opportunities Munster High School offers. We are fortunate to have a willing community who enrich our students' learning through these

programs. Moving forward Munster High School will work to establish more partnerships/ adult-world connections, and attempt to involve more students in these programs within the school day (internships) and outside the school day (clubs) through STEM recruitment fairs. We will continue to seek out these partnerships with vigor and determination to enhance our programs here at Munster High School. Currently, our STEM team has been discussing ways to increase participation such as having STEM fairs and other recruitment opportunities.