

Black Cat Racing

Jennings County High School is redefining their approach to STEM (Science, Technology, Engineering and Math) education by creating a curriculum around an electric go kart. Black Cat Racing is an educational initiative designed to engage students to think differently and creatively while building and racing their go kart locally and regionally. Students are focusing on motorsports modules as the context for learning important 21st century skills and content knowledge through problem-based learning. Students will be designing their own karts, choosing from many different powertrain options that exist in electric motorsports and put them to the test at Purdue University in April and Indianapolis Motor Speedway during the month of May. The high school teams will compete in the 4 categories to claim the championship trophy.

Engineering Design, challenges teams to go above and beyond with new technologies.

Community Outreach, encourages teams to educate those around them about EV's.

Powertrain efficiency, requires teams to design their kart for maximum distance and energy usage.

Race, speed of the karts and the completion of the race.

Black Cat Racing is an expensive endeavor to begin, but the go kart will be able to be used for multiple years. Also, the series will be growing to add many more races in 2019 at various high schools and in 2020 Schumacher Racing will sponsor the top two finishers to compete in Italy.

For more details on the series please go to www.evGrandPrix.org

Currently, we have 26 JCHS students who are committed and we are asking our industries partners and community members to help with sponsorship. Sponsorships may be tax deductible if donations are made to Jennings County Community Foundation.

Partners to date: Biehle Electric, Decatur Mold, Montrow Group, and Gasper Engineering.

For more information please contact Braeden Day, bday@jchs.org.

