



For Immediate Release

November 4, 2019



Sturgeon Composite Robotics Club - Ready to unveil their plan for a bio-hazard collecting robot

Sturgeon County, AB – Please join us at Sturgeon Composite High School on Wednesday, November 6 at 5:00 pm, as the Robotics Club reveals the name of their robot, and strategy to create this autonomous bio-hazard collecting machine.

Supported by a \$5,000 grant from APEGA, the initiative is a student-based STEM (Science, Technology, Engineering and Math) project that met the following criteria:

- Provided hands-on enrichment opportunity
- Increased awareness of the application of technology
- Challenged students through problem-solving and critical thinking
- Engaged students in resolving societal challenges

Kevin Hubick, Mathematics and Computing Science Teacher at Sturgeon Composite High School leads the Robotics Club. A dozen students spend about seven hours a week, outside of the regular classroom, converging and planning to ensure the vision for their robot comes to fruition. “The project itself incorporates a lot of creative and collaborative thinking on the part of its members,” explains Hubick. “What I find most inspiring, is the students’ drive and determination.” Hubick advises that they often work through lunch, after school and occasionally in the evenings to spend time on the project.

Highlights of Event

- Brief project overview and announcement of the robot’s name
- Demo Stations and Photo Opportunity:
 - computer vision and targeting
 - prototypes
 - retrieving items - arm demonstration and much more

For further information:

- Contact Kevin Hubick, Mathematics and Computing Science Teacher
Sturgeon Composite High School, 780.973.3301

