

LET'S FLY! DRONES TECHNOLOGY FOR MAKER SPACE

St. James School, Stratford

2023-2024 PROJECT UPDATE



Grant Amount: \$5,598
Project Cost: \$5,598



34 Students Impacted
Grades 7-8

PURPOSE: To introduce drone technology to seventh and eighth graders in a makerspace setting. Drone Legends STEM Fundamentals align with Next Generation Science Standards, ISTE, CSTA, CCSS ELA-Literacy and Math. Students showed competency to “pass each mission” and were highly engaged with the drones and excitedly worked on academic standards to complete the curriculum.

IMPACT: The students were exposed to and engaged in a new technology. There were opportunities for them to further their knowledge of coding and see its physical impact—as opposed to Scratch Animation. They had to work cooperatively to complete challenges and learned time management and how to handle delicate equipment. The drone curriculum added to their student performance by using critical thinking skills to code their drones. The curriculum was interdisciplinary, using math and science skills such as planning distance and converting English systems to metric. They also used prior knowledge of geography and block coding.

FUTURE PLANS: The program will continue and will be incorporated into the curriculum next year.

