

PRESS RELEASE

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STEP INTO THE BOOTS OF A NASA ENGINEER WITH SPL

Stratford Public Library has teamed up with University of Waterloo' Engineering Science Quest program and the Canadian Space Agency to bring STEAM programming to students in our community. STEAM stands for Science, Technology, Engineering, Arts, and Math. Through hands-on activities and engaging YouTube events, participants will find themselves learning skills like circuitry, coding, physics, and astronomy while they build their own space systems, clean up simulated space debris, design spaceship components, and code their own lunar lander. These programs are geared towards students in grades 1 to 8.

"We want to reach students and enable opportunities for them to experience the feelings of discovery and confidence that STEAM is all about," says Krista Robinson, Systems Librarian. "This is a great way to engage kids who may be not normally be interested in science and math – while secretly teaching them! It is the kind of learning that can eventually lead kids to build their own video games and apps, all coding skills which will be important to have in the future."

Engineering Science Quest is presented in partnership with ESQ from the University of Waterloo and is undertaken with the financial support of the Canadian Space Agency (CSA). To register, visit our website at splibrary.ca.

Interested in more STEAM activities? Explore and learn with take-home Maker Kits! Each kit can be borrowed for one week and contains everything you need for hands-on creativity and experimentation. From very young children to adults, there are Maker Kits for every level and style of learner. Try Ozobots, Snap Circuits, Raspberry Pi, Arduino, Virtual Reality, a 3D design mouse, and more! Search Maker Kit in the catalogue to get started.

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If you would like more information about this topic, please contact Brooke Windsor 519-271-0220 x 131 or bwindsor@pcin.on.ca

