

COLLABORATION

The emerging technology collection at Carleton University is a successful collaboration between three units on campus:

- Library
- Discovery Centre for Undergraduate Research and Student Engagement
- Information Technology Services.



EXPERIENTIAL LEARNING

An increasing number of university courses incorporate experiential learning:

- hands-on exercises and projects where students learn skills and problem solving
- enhances classroom instruction
- enables students to acquire practical skills which are valuable in the employment market

Library funds a non-traditional collection to support teaching and research on campus



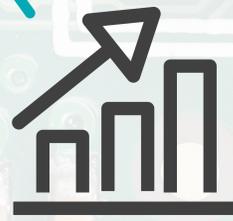
CONCLUSION

- Collection is heavily used: the most popular items are Raspberry Pi and Arduino
- Innovative student projects
- Faculty are engaged and have donated new equipment for the collection
- Value of shared space where different units on campus can work together to develop and deliver an innovative new service



HOW IT WORKS

- Loan rules are simple: all items available for two week loan with a valid student / faculty / staff card.
- More than a maker space: all items can be borrowed which gives students the time and space to experiment with technology at home or in a lab at their convenience.
- Fully catalogued: records include links to online user manuals, quick start pages, project ideas and tutorials.
- User agreement but very little damage to the collection.



THE COLLECTION

- Pilot project in January 2015 to circulate Raspberry Pi and Arduino at the request of faculty in the Engineering Dept.
- On-going funding in the Library's collections budget from May 2015
- Actively seek purchase suggestions from faculty in all disciplines
- Now provide quick and easy access to 40+ pieces of technology equipment for loan.

Objectives

- To support student course work, projects and research
- Give all students, faculty and staff the opportunity to use and experiment with emerging technology.

