# Calgary Regional Consortium

**Great Teachers Make Great Students**

# Micro:Bits for Engaging Classrooms – Level 1 Beginner

**PRESENTED BY**

**Sue Mylde**

**SERIES SESSIONS**

| Date | Time |
|------|------|
| March 05, 2024 | 4:30 PM - 6:30 PM |

**LOCATION**

**Rundle College Junior High - 7375 17th Ave SW**

**FEE**

**$0.00**

**QUESTIONS?**

**Contact Us:**
**crc-register@aplc.ca**
**403-291-0967**

**REGISTER ONLINE**

**Visit our website to register: crcpd.ab.ca**

## Learning Opportunity

Target Audience: Gr 4-6 (Grade 7/8 also welcome!) teachers, educational assistants and pre-service teachers are encouraged to attend.

Are you an Elementary teacher looking for ways to bring Computer Science to life with the introduction of the new Elementary Science Curriculum? Are you a Junior High teacher who is looking for ways to elevate your classrooms using digital electronic tools?

Unlock the potential of Micro:bits in the classroom with these comprehensive sessions for educators.

Level 1 (Beginner) is designed for those who have never used Micro:Bits before.

Level 2 (Elevated) is designed for those familiar with Micro:Bits but would like to elevate their skills and dive deeper into resources and discovery projects that can be brought into the classroom. You may choose to register for either or both depending on your familiarity with the technology. Register for Level 2 (Elevated) HERE.

**Level 1 (Beginner):**

In this introductory section, educators will delve into the fundamentals of Micro:bit programming and applications. Participants will gain hands-on experience in the following areas:

- Introduction to Micro:bit: Explore the features and capabilities of the Micro:bit hardware.
- Block-Based Programming: Learn the basics of programming through visual, drag-and-drop coding using platforms like MakeCode.
- Sensors and Inputs: Understand how to utilize sensors on the Micro:bit for interactive projects.
- Basic Projects: Engage in guided projects to reinforce learning and build confidence in incorporating Micro:bit into lesson plans.

- Classroom Integration: Discuss strategies for integrating Micro:bit into various subjects and classroom activities.

By the end of Part 1, educators will have a solid foundation in Micro:bit basics, enabling them to create fun, engaging and educational projects for their students.

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## Presenters

**Sue Mylde**

**Sue Mylde (she/her)** is an educator with several years' experience in aspects of communication, STEM and education. She is most excited about spaces where technology meets pedagogy and is an advocate for balance in today's increasingly digital world. In the classroom, Sue has been both Ed-Tech specialist and subject teacher. She is currently the Curriculum lead for Computer Science as well as leading the Innovation, Design, Entrepreneurship and Skills (IDEAS) Program at Rundle College. A lifelong learner, Sue enjoys being curious and facilitating knowledge sharing for teachers and students around the areas of digital citizenship, computer science, and the importance of technology in education, especially within the context of our globalised world. In 2018, Sue presented at TEDxYYC on the "Forgotten Power of Hands On Learning." Sue was born in Singapore, lived in Europe and has enjoyed being a Calgarian since 2011.

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## Registration Notes

Materials and resources will be provided for participants to use during the session.



**Providing Quality Professional Learning
Opportunities to K-12 Education Staff**