Micro:Bits for Engaging Classrooms – Level 2 Elevate

PRESENTED BY

Sue Mylde

SERIES SESSIONS

Date	Time
March 12, 2024	4:30 PM - 6:30 PM

LOCATION

Rundle College Junior High - 7375 17th Ave SW

FEE

$0.00

QUESTIONS?

Contact Us:
crc-register@arpdc.ab.ca
403-291-0967

REGISTER ONLINE

Visit our website to register:
crcpd.ab.ca

Learning Opportunity

Target Audience: Gr 4-8 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. Register for Level 1 BeginnerHERE.

Level 2 (Elevate) 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.

Level 2 (Elevate):

Building on the foundational knowledge gained in Part 1, this advanced section takes educators to the next level of Micro:bit proficiency. Participants will explore:

- Advanced Programming Concepts: Dive into more complex programming structures, exploring loops, conditionals, and functions.
- Radio Communication: Learn how to use Micro:bits for communication between devices, opening up possibilities for collaborative projects.

- Data Logging and Analysis: Explore the use of Micro:bits to collect and analyze data, enhancing STEM-related projects.
- Arcade Games and More: How to design engaging, open-ended, project-based learning experiences that encourage creativity and critical thinking.

Throughout Part 2, educators will gain the skills needed to guide students in more advanced Micro:bit projects, fostering a deeper understanding of programming and technological applications.

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.

Registration Notes

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