

## Division 2 STEM Collaborative Community

**PRESENTED BY****Candace Beaton & Wanda Dechant****SERIES SESSIONS**

Date	Time
November 26, 2019	4:30 PM - 6:30 PM
January 14, 2020	4:30 PM - 6:30 PM
March 03, 2020	4:30 PM - 6:30 PM
April 27, 2020	4:30 PM - 6:30 PM

**LOCATION****FFCA - Learning Centre - 110 - 7000  
Railway St. SE****FEE****\$60.00****QUESTIONS?****Contact Us:****[crc-register@arpc.ab.ca](mailto:crc-register@arpc.ab.ca)  
403-291-0967****REGISTER ONLINE****Visit our website to register:  
[crpcd.ab.ca](http://crpcd.ab.ca)**

## Program

**TARGET AUDIENCE: GRADE 4-6 TEACHERS, COACHES AND NUMERACY LEADS ARE ENCOURAGED TO ATTEND**

Join our STEM Collaborative Community (grades 4-6) where we will explore numeracy connections through the lens of science, technology, engineering and math (STEM). Participants in this collaborative community will take part in curriculum-aligned, hands-on learning experiences and gain access to resources and activities they can use immediately in their classrooms.

Our collaborative community will meet for 4 evenings throughout the school year with a different focus for each night. We will examine, explore and talk about;

- SCIENCE inquiries that promote students' abilities to observe, sort & classify, compare and contrast and create fair tests all while naming and emphasizing the numeracy concepts;
- TECHNOLOGY as we learn how we can support students' abilities to use logic, algorithmic thinking, pattern recognition, critical thinking, problem-solving, managing information, communication and collaboration through the exploration of block-based coding using Micro:bits;
- ENGINEERING through the participation in the Design and Build process using numeracy to provide context and focus; and,
- MATH as it relates to mental math and perseverance as a way to increase students' reasoning and problem-solving skills.

Join us for 4 evenings of numeracy awesomeness! If you are in a grade level other than 4-6 and you are interested in STEM, please connect with us to see if this would be a good fit [wdechant@crcpd.ab.ca](mailto:wdechant@crcpd.ab.ca).

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## Presenters

### Candace Beaton

has her Bachelor of Education and is currently an Education Program Consultant for Let's Talk Science. Prior to her role with this national, charitable organization, Candace was an elementary classroom teacher as well as an Education Consultant with SMART Technologies where she spent much of her time helping teachers effectively integrate technology into their teaching. In her role with Let's Talk Science, Candace is responsible for creating and delivering hands-on/minds-on professional development sessions that aim to provide strategies for teachers to engage students in areas of science, technology, engineering and mathematics (STEM).

### Wanda Dechant

is a Designer of Professional Learning with the Calgary Regional Consortium. Her role includes supporting teachers, E.A.s, school admin, learning coaches and parents in K-12 Math and Numeracy. Wanda began teaching math and science in 2000, her teaching experience extends from grades 7 – 12. For the past 7 years Wanda's work has included a major focus on K-6 Mathematics. Three critical aspects of learning that Wanda embeds into her work include:

- Student and teacher self-confidence in math
  - Students and teachers making their thinking visible to themselves and to each other
  - Students and teachers as mathematicians – let's do the math
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**Providing Quality Professional Learning  
Opportunities to K-12 Education Staff**