

Math and Science

Staff Development Opportunities

April 2021

Carole Fullerton—Pro D Day April 26

Carole will be presenting two sessions for us on April 26...attend with your whole school or on your own.

Math and Literature in Primary

Apr 26, 2021 10:45 AM to 12:15 PM

Zoom Link [here](#). **Pass code** 841801

Good Questions for Addressing Diversity in Intermediate Math

Apr 26, 2021 12:45 PM to 2:15 PM

Zoom Link [here](#). **Pass code** 906215



Impactful Differentiation Gr 4-9



This cross-curricular planning series has been moved to April; in it, we will look at effective strategies for differentiation to include the various needs of our diverse classrooms. The series is comprised of 2 after school sessions (First one Apr 22) and a third planning session for participants (date to be determined later). This series will be valuable for teachers from Grades 4 - 9 in any subject area. We encourage teams of teachers from schools to work together to attend the session (ELL support, LSS

support and classroom teachers in both English and French Immersion). Facilitators include Anne-Marie Bilton, Emily Ginter, Michelle Van Balkom, Nicole Macpherson and Donna Morgan. Sign up on the Staff Development Calendar now.

Math Routines K-12

Would you like to start trying to implement some number sense routines into your math classes? Sign up for one (or all) of the remaining Math Routines sessions. April 14—Which One Doesn't Belong; May 6—Estimate!. These are one hour after school on-line sessions. Sign up on the Staff Development Calendar.

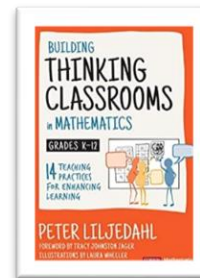
Tricky Topics in Elementary Science

Come unpack these tricky topics with clear background information, learning intentions for students, and activities/inquiries that stress the curricular competencies. The remaining session is April 19 Gr 3-4 Heat and Energy Transformations. Sign up on the Staff Development Calendar. If you would like links to resources from all the sessions (Matter, Evolution, Climate Change) please send me an e-mail

donna.morgan@burnabyschools.ca

Building Thinking Classrooms BOOK CLUB K-12 Round 2

The first version of this book club is so popular that I will be holding round 2 in May. You sign up to three 75-minute after school book club sessions and you get a copy of this book PLUS a supportive community to try out the 14 math practices outlined by Liljedahl. Read more about Liljedahl's book [here](#). Sign up on the Staff Development Calendar after May 1.



Some Resources for Science and Math

Mystery Science-- sign on for the free trial [here](#) Mystery science is a website with videos and follow up lessons/activities on a range of topics for K-5 science.



Walking Curriculum—the folks at the CIRCE at SFU are holding a [Walking Curriculum Challenge](#) during the month of May. In Burnaby, we would like to encourage you to sign up and participate. Burnaby classes participating in the challenge will be eligible for a special prize. Watch for info coming to your school during Earth Week.

Mathology at the DLRC--The Pearson Mathology little book series, which include small books targeting math topics in K-3, is available at the DLRC. We taken the whole set (in French and English) and broken them down into topic. The kits include sets of little books, teacher guides, activities and links to on-line materials as well. Search Mathology or Mathologie (for French titles) in the DLRC to find the listings.



have kits.

catalog



Fractions—do you find this topic frustrating? A good understanding of fractions is essential to many later mathematical concepts. But we find students sometimes are stuck on this. Dr Catherine Bruce and EduGains have produced this amazing [free resource](#) with a pathway for teaching fractions, including tasks, teacher prompts and background information.

Consultation/Support—need any help or advice on Math or Science topics? Give me a call at 604-760-6157 or drop an e-mail to Donna.Morgan@burnabyschools.ca

