



# Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

## GAME PLAN

## Enhancing The Math Gameplan:

High-impact, Low-cost Shifts to Increase  
Engagement, Equity, and Understanding

with Christian Courtemanche K-6  
(3 graduate course credits available)



Level up both your pedagogy and your resources to be more impactful, more accessible, and more inclusive for every learner. Through exploration, practice, reflection and planning, teachers will dig deep into 5 instructional shifts to make math class more effective and engaging at all Tiers.

Learn 5 high-impact shifts to incorporate:

- **Weekly Reasoning Routines** that provide context for rich math discourse and a community that empowers all voices
- **3 ACT Tasks** at the beginning of new units to launch concepts and gather baseline formative data
- **Selecting & Sequencing** student work to analyze and build connections along the progressions of understanding
- **Purposeful Games** that promote strategic decision making, fluency development, and an impetus to talk about thinking
- **Asset-Based Targeted Instruction** that allows students to have focused goal-driven small group time that builds from their current understandings

Explore each shift through the lens of:

- Planning (the “before”) - how can we make our units of study, weekly routines, and small group instruction have a greater impact on the range of learners?
- Implementing (the “during”) - how can our instructional practices provide a learning environment that is both compelling and safe (academically and socially) for every one of our students?
- Reflecting (the “after”) - how can we learn about our students’ assets and next steps as we incorporate each shift?

**Target Audience: Educators  
Grades K-6**

**Date:** June 20-23, 2022  
8:00 – 4:00  
Sept 27 & Nov 3  
3:30 – 6:30

**2 Book(s):**

5 Practices for Orchestrating  
Productive Mathematics  
Discussions  
Principles to Actions



**Location:** CVEDC Classroom  
South Burlington, VT

**Option: Zoom Room if needed**

Member: \$900  
Non-Member: \$1000

with 3 SMC Graduate credits:

Member: \$1300  
Non-Member: \$1400

**Christian Courtemanche, M.Ed.** has been a Vermont educator for over 15 years as a classroom teacher and a curriculum specialist in both math and science. He offers workshops, courses, and district-consulting work around rich math instruction, differentiation methods that meet the range of learners, and strategies for impactful coaching. He is passionate about bringing wonder into curriculum, as well as curiosity around the needs of all children in their learning.

When not working with teachers and schools, Christian enjoys playing mandolin and spending time outside with his family.