



90-Minute Interactive Presentation, 9:15 - 10:45

Title: Powerful Moments in STEM Classrooms: Why Certain Lessons Stand Out and How to Create More of Them

Description: As teachers, we want our lessons to leave a long-lasting impression on students. When we understand the psychology behind memories, we can use that knowledge to design powerful moments for our students. According to Heath and Heath (2018) memorable positive experiences contain one or more of the following elements: *elevation, insight, pride, and connection*. We will learn how to leverage each of these elements in STEM classes to create meaningful and memorable experiences for all students.

12:00 - 1:00 Lunch (provided)

2-Hour Interactive Presentation, 1:00 - 3:00

Title: Turning Adversaries Into Allies: Embracing Your Role as Teacher Leaders to Affect Positive Change in STEM Education

Description: Any initiative in STEM education, whether classroom-based or state-wide, requires support from all stakeholders (students, parents, administrators, school board members, etc.). However, building and sustaining that support can be challenging, especially if there are pockets of skeptics actively working against your goals. This session will address these challenges and provide teachers with strategies and resources to help them build their leadership skills and create momentum in their communities to support meaningful and powerful STEM education for all students.
