



BONUS CONTENT

Grade Level Band	K-12	PK-2	3-5	6-8
Presenter	Kathy Felt	Lynn Rule	Melissa Wise	Lindsey Bailey
Title	Retention Strategies For the Win!	Automaticity for Everyone-We Can Do It!	Open Response & Problem Solving Tips	Math and Demography in the Year of the Census
Description	Is it possible for students to retain everything (or even most everything) they learn throughout the year? This session explores engaging retrieval and assessment strategies that can be used in the classroom so students are able to remember, retrieve, and apply their learning from start to finish!	The concern has existed forever-kids do not know their facts. What is missing in their experiences, discussions, and our instruction. This session will address the 'whys' and focus on the 'hows' to attain fact automaticity through understanding not memorization.	Join me as I take you through the process of how to successfully have students work through problems by collaborating, planning, and using a variety of strategies that include student discussions and reflections leading to student mastery.	Discover timely and innovative, hands-on activities for drawing connections between math and social studies. Presented activities incorporate U.S. demographic data and build skills in algebra, data analysis, problem solving, measurement and more.

Grade Level Band	6-12	6-12	6-12
Presenter	Zalman Usiskin	Kelly Wamser Remijan	Abbey Egger
Title	Why Study Algebra, and When?	Flags of Africa: Teaching Algebra and Geometry with Technology	What to Expect When Expecting (A Student Teacher)
Description	Why is algebra so important that it is required of all students and occupies such a large part of the school mathematics curriculum? And why has there been a decades-long trend to move that study into earlier and earlier grades?	Travel to Africa to discover how flags can engage students, promote global awareness, & build math skills: coordinate geometry, linear equations/inequalities, polygons/circles, area, ratios, etc. Technology discussed will include: Google Slides, Geogebra, Desmos, & CNC machining.	Going to have a student teacher? Currently have one? Come to this session to hear about ways to best support your student teacher as you both progress throughout the semester together. This session will discuss ways to provide feedback and activities to grow the skills of your student teacher.