Ruth Patrick Science Education Center
UNIVERSITY OF SOUTH CAROLINA AIKEN

REGISTER NOW!!!

TECHNOLOGY SUPPORTED LEARNING – APPROPRIATE AND STRATEGIC USE OF DIGITAL TOOLS

6-8 and 9-12 MATHEMATICS CONTENT SESSIONS
INTENSIVE LEARNING EXPERIENCES

	FALL 2017				WINTER-SPRING 2018			
GRADE	**DATE**	**FOCUS AREA**	**DATE**	**FOCUS AREA**	**DATE**	**FOCUS AREA**	**DATE**	**FOCUS AREA**
6 - 8	**October 13, 2017**	Algebraic Thinking, Equations, Functions	**November 9, 2017**	Ratio and Proportional Reasoning Applications	**January 19, 2018**	MS Geometry Concepts: Expressing Geometric Properties with Equations	**February 19, 2018**	Data Analysis and Statistics Using Technology
9 - 12	**October 20, 2017**	Functions and Mathematics Modeling Using Interactive Technology	**November 13, 2017**	Exponents, Integers and Real Number Applications Using Technology	**January 22, 2018**	HS Geometry with Technology Applications	**February 23, 2018**	Interactive Applications of Probability and Statistics

EACH SESSION TARGETS LEARNING ACROSS GRADE LEVELS

STEM-INFUSED LEARNING SESSIONS
RIGOROUS INQUIRY IN SCIENCE AND MATHEMATICS PROBLEM SOLVING
GRADES 6-8 AND 9-12

	FALL 2017		WINTER- SPRING 2018	
6 - 8	**December 7, 2017**	TI Innovator STEM Lessons Solar Energy/Solar Panels; Simulations and Virtual Applications; Computer Algebra Systems	**March 23, 2018**	Interactive Instructional Technology: Real World Simulations and Virtual Applications 2D to 3D Biomedical Engineering
9 - 12	**December 8, 2017**	TI Innovator STEM Lessons Interactive Simulations Applications of Trigonometric Functions and Equations in Drones and Roller Coaster Design	**March 29, 2018**	Interactive Instructional Technology: Real World Simulations and Virtual Applications Chemistry and Physics with Technology Applications

TEACHERS' CONCEPTIONS ABOUT HOW STUDENTS LEARN SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS CHANGE AS A RESULT OF THESE EXPERIENCES

To register visit our website http://rpsec.usca.edu/ProfessionalLearning/ Or use Google Forms Now!