



ENGAGING FUN-FILLED SUMMER 2018 INSTITUTES
Innovations in Teaching & Learning K-12 Mathematics
With an Emphasis on the SC Process Standards
For K-12 Mathematics Teachers, Coaches and Curriculum Support Specialists

JUNE 2018 MATHEMATICS SUMMER INSTITUTES

(See descriptions and registration details below.)

All Sessions will be held Monday – Thursday, 8:30 AM – 3:00 PM

High School Grades 9-12	Algebra II, Precalculus & Geometry Course Content with Real World Applications using TI Nspire, DESMOS & Geogebra Graphing Technology	June 11 - 14, 2018	USC Aiken RPSEC
Elementary Grades K - 2	Early Childhood Mathematics Concepts with Instructional Technology Support	June 18 - 21, 2018	USC Aiken RPSEC
Elementary Grades 3 - 5	Upper Elementary Mathematics Concepts with Instructional Technology Support	June 25 - 28, 2018	USC Aiken RPSEC

JULY 2018 MATHEMATICS SUMMER INSTITUTE

Middle School Grades 6 - 8	Foundations in Algebra, Algebra I and Middle School Mathematics with Real World Applications using TI Nspire, DESMOS & Geogebra Graphing Technology	July 23 - 26, 2018	USC Aiken RPSEC
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Past Participants Include More Than 62 SC Districts, Private and Charter Schools

Participant Reflections:

- Always learn something new!
- Provides examples of GREAT lessons AND innovative instructional strategies!
- Provides opportunities to experience lessons from the student's perspective.
- Love the engaging activities and incorporation of instructional technology!
- It helps to learn content by visual & experimental ideas.
- The hands-on was very useful to learn & understand the content.
- Better understanding of the SC Process Standards.
- Great Sessions! I have learned so much that I can apply in my classroom!

The RPSEC Summer 2018 Innovations in Teaching and Learning K-12 Mathematics Institutes are designed to strengthen understanding of grade-level mathematics and science content, pedagogy, and assessment strategies. The integration of STEM topics in teaching mathematics content emphasizes trans-disciplinary connections. Selected, unifying contexts that infuse the Mathematical Process Standards push the boundaries to enable in-depth student learning.

Specific learning outcomes include:

- Methodologies that enhance teacher content knowledge and student engagement.
- Teacher empowerment in making student thinking visible.
- Real world connections that deepen concept development and relevance.
- Strategies to push students to greater levels of competency & academic success.
- Effective integration of hand-held and online instructional technology.
- Assurance of rigorous academic integrity of content.
- Innovative focus on mathematics instruction with integrated STEM applications.
- Evidenced-based argumentation in mathematics and science.
- Interactive simulations for teaching mathematics and science content.
- Resources for effective implementation and alignment of mathematics across grade levels.

Registration form attached and can be found at <http://rpsec.usca.edu/>

Registration Fee:

Four-Day Institute - \$480.00

Registration Deadline:

One week prior to each Institute

Early Bird Deadline:

Friday, May 25, 2018

Early Bird Registration Fee:

Four-Day Institute - \$440.00

For more information, please contact:

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THE GOLD STANDARD!

For returning participants, new content innovations and applications will be shared with the same high level of quality. These are not repeat sessions. Space is limited! Please register early! Maximum of 45 participants per Institute.