Summer Science Institute for Grades K-8
Computer Applications, Content Activities and Guest Presenters

Presenters: Linda Burroughs, James Messersmith, TCNJ Professors and Team

When: August 15-17 – 8:30am-3:30pm

Where: Armstrong Hall

Focus: Work with new science education applications for computer; content rich activities, and opportunities for teacher sharing.

Evidence: Research shows this program can produce a statistically significant increase in student achievement in science.

Registration: Free! To all Trenton Public and Diocese Educators. Contact the TaLL Program at: 609-771-2295 or 609-771-2714 tall.intrasun.tcnj.edu

Summer Gender Equity Workshop for Grades 2-8
Gender Equity in the Classroom and Curriculum

Presenters: Dr. Ellen Friedman, TCNJ Professor and Mary Switzer, TCNJ Gender Equity Specialist

When: July 19 – 8:30am-3:00pm

Where: Armstrong Hall 102

Focus: To introduce teachers and program leaders to methods of infusing equity into the classroom through the use of children’s literature.

Registration: Free! To all Trenton Public and Diocese Educators. Contact the TaLL Program 609-771-2295 or 609-771-2714 tall.intrasun.tcnj.edu

Summer Math Institute for Middle School Teachers
Lesson Study: Analyze Student Thinking and Learn More Mathematics

Presenters: Dr. Cathy Liebars, TCNJ Math Professor and Dr. Patsy Wang Iverson, TaLL Mathematics Specialist

When: August 15-17 – 8:30am-3:30pm

Where: Armstrong Hall

Focus: Participants will learn about the process of lesson study and participate in planning, observing, and discussing a public lesson. Through this institute participants will gain a deeper understanding of how lesson study can help us collaboratively deepen our understanding of student thinking and our own mathematical content and pedagogical knowledge.

Evidence: Research shows this program can produce a statistically significant increase in student achievement in mathematics.

Registration: Free! To all Trenton Public and Diocese Educators. Contact the TaLL Program 609-771-2295 or 609-771-2714 tall.intrasun.tcnj.edu

Let’s Read Math!

Summer Workshop for Grades 1-4
Family Nights, After School Programs, and Everyday Classroom Use!

Presenter: Dr. Claire Passantino, Let’s Read Math

When: August 8-10
Session I: 8:30am-12:00pm or Session II: 1:30pm-4:30pm

Where: Armstrong Hall 136

Focus: To organize six different family nights incorporating Let’s Read Math “Funbooks” to teach math topics.

Featured Books Include: The Greedy Triangle, How Big is a Foot, Sam Johnson and the Blue Ribbon Quilt, Grandfather Tang’s Story, The King’s Commissioners, and Alexander Who Used to Be Rich Last Sunday

Registration: Free! Contact the TaLL Program at: 609-771-2295 or 609-771-2714 tall.intrasun.tcnj.edu

Design & Engineering K-5 Summer Workshop
Turn Students on to Math, Science, and Technology!

CD&E units and activities work well in: classrooms, after school programs, summer camps, gifted and talented programs, and clubs.

Presenters: Dr. Patricia Hutchinson and Team

When: July 24-27 – 9:00am to 3:30pm

Where: Armstrong Hall Room 102

Focus: To introduce teachers and program leaders to instructional strategies that are fun, relevant, and successful for children in grades K-5.

Evidence: Research shows this program can produce a statistically significant increase in student achievement in math, science and technology.

Registration: Free! Contact Alison at 609-771-3244 or goeke2@tcnj.edu childrendesigning.org
The Center for Mathematics, Science, Technology, and Pre-Engineering brings together a multidisciplinary team of educators, researchers, and practitioners. It functions as a school service center, a demonstration and professional development center for teachers, a product development center, and a community resource that implements research-based best practice. These programs include:

CD&E (Children Designing and Engineering)
childrendesigning.org

TaLL (Teachers as Leaders and Learners)
tall.intrasun.tcnj.edu

TSA (Technology Student Association)
tcnj.edu/~tsa

NJ SSi (New Jersey Statewide Systemic Initiative)
tcnj.edu/~njssi

Ties Magazine Online (technology resource)
tiesmagazine.org

FTT (Family Tools and Technology)
tcnj.edu/~njssi (follow the FTT link)

TQE-R (Teacher Quality and Enhancement-Recruitment Grant)
njtqe-r.grant.tcnj.edu

Let's Read Math
letsreadmath.com

For more information about any of our programs visit our website at:
mst-center.intrasun.tcnj.edu
Or call 609-771-2295