SUMMER WORKSHOP SCHEDULE

MONDAY
structures: Jinks frames, paper engineering

TUESDAY
mechanisms: wheels, gears, pulleys, levers, linkages

WEDNESDAY
energy: electricity, pneumatics, hydraulics
communication: graphic design, clues, drawing, documentation

THURSDAY
Opening Day at the Safari Park
Say it with Light, Inc.
Bright Ideas Playhouse
The Juice Caboose
Germbusters & Co.
The Suds Shop
(Choose one)

Workshop Registration
July 24–27, 2006
Name: ________________________
School: ________________________
Address: ________________________
______________________________
Phone: ________________________
Email: _________________________
Grade: ________________________
Specialty: ________________________
Used CD&E before? ___yes ___no

Earn 24 PDU credits for this workshop.

CD&E workshops sponsored by the Martinson Family Foundation

Send registration form to

Children Designing & Engineering™
Center for MST
Armstrong 103
The College of New Jersey
PO Box 7718
Ewing, NJ 08628

CD&E workshops certified for NJPD credits.
For more information, contact Alison Goeke at 609/771-3244; email goeke2@tcnj.edu
Integrated Science, Technology, Engineering & Math (STEM) K-5

Children Designing and Engineering™, the nationally acclaimed instructional program funded by NSF, is ideal for in-school, after-school and summer camp programs. This four-day workshop introduces teachers and program leaders to instructional strategies that are fun, relevant and successful.

Learn about the science and technology of materials, structures, energy and communication. Explore, design, and make solutions to real-world challenges. Experience the fun of seamlessly integrating sciences and math with art and language through design and engineering. Challenges for your students include…

- Develop and stage a shadow puppet play
- Communicate with light
- Design and outfit a classroom safari park
- Research and develop a new juice drink
- Fight germs with Gina the Germbuster
- Design and market a line of soap products

Through Children Designing & Engineering...

...science and math concepts are applied to real-world technological challenges. This four-day workshop introduces engineering concepts including structures, mechanisms, energy and communication, using different technologies each day. Activities are drawn from CD&E contextual learning units available for classroom use.

Summer Workshop Design & Engineering K-5

Turn students on to math, science & technology

- after school programs
- summer camps
- G&T and clubs

July 24–27, 2006
9 am to 3:30 pm
The College of New Jersey
609/771-3244
www.childrendesigning.org

Children Designing & Engineering™ Program

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Ewing, NJ 08628
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