



STEAM Up Summer Camp Returns to Delran for Summer, 2017!

The Delran Public Schools are pleased to continue a summer enrichment opportunity first offered last year. This summer camp-style program will be open to students entering 3rd, 4th, 5th, 6th, or 7th grade in September 2017. Designed to inspire our next generation's great thinkers, students will be solving fun engineering design challenges connected to real world problems, while incorporating the arts. Four individually themed camp weeks will be geared around engineering design tasks. Daily lab experiences will include designing, building, and testing solutions to real-world problems, while using state-of-the-art science lab facilities at Delran High School. Students will also participate in Robotics and Coding activities, all under the supportive instruction and guidance of certified teachers and high school volunteers.

- 4 Weeks of Camp: Monday - Thursday, July 10-August 3
- **Extended hours this year:** 9am until 3 pm
- **Additional grade levels** - incoming 3rd and 7th graders, in addition to 4th, 5th and 6th graders!
- Engineering Design Challenges, plus **new activities this year, Coding and Robotics!**
- New this year: **busing** provided for Delran students
- \$225 per week - discounts are available for early bird registration, multiple weeks, or siblings and financial assistance is available for those who qualify.

Registration forms are being sent home with all students currently in grades 2-6. Additional information can be found on the district website, www.delranschools.org. Hover over the "parents" tab and click on "STEAM Summer Camp."

Contact:

District Supervisors Mrs. Hutchinson & Mrs. DeMichele by emailing steamcamp@delranschools.org



2017 STEAM UP SUMMER CAMP

New this year:

- *Extended hours: Monday - Thursdays **9am - 3pm!***
- *Additional STEM Activities: **Engineering Challenges, Coding, and Robotics!***
- ***Bus transportation** available for Delran students!*

Mornings: Weekly Themed Engineering Design Projects (see chart below)

Afternoons: Coding and Robotics Challenges (all weeks)

Week	2nd Graders going into 3rd Grade	3rd Graders going into 4th Grade	4th Graders going into 5th Grade	5th Graders going into 6th Grade	6th Graders going into 7th Grade
Week 1 7/10 to 7/13	MATERIALS ENGINEER Solid as a Rock: Replicating an Artifact	AGRICULTURAL ENGINEER The Best of Bugs: Designing Hand Pollinators	ENVIRONMENTAL ENGINEER Water, Water Everywhere: Designing Water Filters	OPTICAL ENGINEER Lighten Up: Designing Lighting Systems	PACKAGE ENGINEER Thinking Inside the Box: Designing Plant Packages
Week 2 7/17 to 7/20	INDUSTRIAL ENGINEER Marvelous Machines: Making Work Easier	BIOENGINEER Just Passing Through: Designing Model Membranes	GEOTECHNICAL ENGINEER A Stick in the Mud: Evaluating a Landscape	TRANSPORTATION ENGINEER The Attraction is Obvious: Designing Maglev Systems	AGRICULTURAL ENGINEER Growing Up: Vertical Farming
Week 3 7/24 to 7/27	ELECTRICAL ENGINEER An Alarming Idea: Designing Alarm Circuits	BIOMEDICAL ENGINEER No Bones About It: Designing a Knee Braces	MECHANICAL ENGINEER Catching the Wind: Designing Windmills	ACOUSTICAL ENGINEER Sounds Like Fun: Seeing Animal Sounds	ENVIRONMENTAL ENGINEER Don't Run Off: Designing an Urban Landscape
Week 4 7/31 to 8/3	CIVIL ENGINEER To Get to the Other Side: Designing Bridges	ENVIRONMENTAL ENGINEER A Slick Solution: Cleaning an Oil Spill	AEROSPACE ENGINEER A Long Way Down: Designing Parachutes	CHEMICAL ENGINEER A Work in Progress: Improving a Playdough Process	AGRICULTURAL ENGINEER Sustainable Horticulture and Compost Practices

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For more information: Email: steamcamp@delranschools.org

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