

Stem Academy Announcements, Events & Activities are open to all students.

Robotics

Attention: Tuesdays in room 314, 3-4. This is a newly organized group led by Red and White Coach Mr. Rush.

- Make cool equipment do cool stuff.
- Prep and participate for competitions.

Mini Med

Attention: High School students interested in medicine or a medical career. The Academy of Science and Technology is accepting applications for the MiniMed program at RWJ Center for Wellness in Hamilton. The focus this spring will be Women's Health. Tuition has been reduced to \$40 and it is an effective way to explore healthcare. Go to www.lhsstem.org for details and to sign up. See Mr. Davis for questions. mdavis@ltps.org. Direct [LINK](#) to sign up.

Additionally during the four week course the mini med students will meet on Thursdays up at the Library Loft to discuss there learning or to have a study session.

Mercer County Science and Engineering Fair

<http://www.mercersec.org/>



Let's do research. The Fair will give students interested in doing research NOW! Structure to develop the skill set to develop a quality High School Research Project. See Mr. Davis or your teacher for more information. Attend an information session Wednesday 16th at 3:00 pm



science
January

Science on Saturdays

An outside lecture series from some of the most erudite names and prestigious institutions in the world. Ask your science teacher if extra credit is offered and how.



JANUARY 5	THE LARGE HADRON COLLIDER: BIG SCIENCE FOR BIG QUESTIONS by Prof. James Olsen, Department of Physics, Princeton University
JANUARY 12	VISUALIZING THE ATOMIC WORLD by Prof. Udo D. Schwarz, Dept. of Mechanical Engineering and Materials Science and Department of Chemical and Environmental Engineering, Yale University
JANUARY 19	OUTER SPACE! by Joshua E. G. Peek, Hubble Fellow, Department of Astronomy, Columbia University
JANUARY 26	DISASTROUS EQUATIONS: THE ROLE OF MATHEMATICS IN UNDERSTANDING TSUNAMI by J. Douglas Wright, Associate Professor, Department of Mathematics, Drexel University
FEBRUARY 2	FROM 0 TO C IN 60 MINUTES: A CRASH COURSE IN EINSTEIN by Prof. R. Shankar, John Randolph Huffman Professor of Physics, Department of Physics, Yale University
FEBRUARY 9	FINDING A NEEDLE IN A (GENOMIC) HAYSTACK OR HOW CAN COMPUTERS HELP CURE CANCER by Prof. Olga G. Troyanskaya, Lewis-Sigler Institute for Integrative Genomics and Department of Computer Science, Princeton University
FEBRUARY 16	FROM ROBOT SOCCER TO AUTOMOTIVE SAFETY: AN OPTICAL TOUR by Prof. R. Andrew Hicks, Department of Mathematics, Drexel University
FEBRUARY 23	NO LECTURE — DOE's NJ HIGH SCHOOL SCIENCE BOWL®
MARCH 2	LIGHT AND NANOTECHNOLOGY — ENGINEERING AND SO MUCH MORE by Prof. Claire Gmachl, Department of Electrical Engineering, Princeton University
MARCH 9	A SHORT HISTORY OF LENGTH by Prof. Joel Langer, Department of Mathematics, Case Western Reserve University
MARCH 16	A ROBOT'S VIEW OF OUR OCEAN PLANET by Josh Kohut, Assistant Professor of Oceanography, Center for Coastal Physical Oceanography, Rutgers University

Talks will be held in the Auditorium of the Princeton Plasma Physics Laboratory, James Forrestal Campus, U.S. Route 1 North in Plainsboro, NJ
FOR ADDITIONAL INFORMATION PLEASE VISIT OUR WEBSITE AT: www.pppl.gov

Les Science and Discovery Night, Volunteers Needed

One of our most popular events held at LES! Families and students can enjoy a variety of scientific experiments and exhibits. Event time 6:30pm-8:30pm. More details will follow! <http://www.lawrencevillepto.com/science-discovery-night-january-25th/>

January 25th 30 volunteers needed

Email if you are interested to:

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Crystal Kremer

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