

STEM at Lehigh University (in Bethlehem, PA)

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Lehigh University STEM



▶ LV (Lehigh Valley) STEM

- Teams of Lehigh students and faculty embedded in LV public schools
 - Activities, assistance, curricula throughout school year
- Technology Team in Allentown, PA
 - Harrison-Morton Middle School (6th-8th grade)
 - NASA-influenced environment
 - Simulated “Mars Yard”
 - “MER-1” robot platform from Gears Educational Systems
 - Tech Ed curriculum using Open Source
 - Soon building “Mission Control”

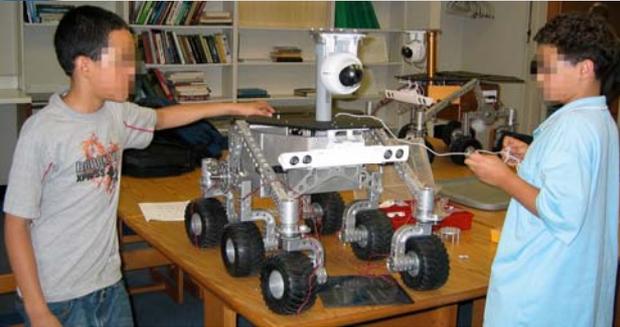
▶ <http://lvstem.cse.lehigh.edu>



Lehigh University STEM



▶ Launch-IT



- Teams of students and teachers (Lehigh and area public schools)
 - Weekend/Summer program similar to LV STEM, but at Lehigh Univ.
- Robotics Team (6th and 7th graders)
 - Goal: Spark interest in science and technology
 - Build and use MER-1s
 - Educational and free/open tools
 - Hands-on design activities
 - Lab visits and field trips



▶ <http://www.lehigh.edu/launchit>