



Army Educational Outreach Programs
(<http://www.usaeop.com>)

STUDENTS WANTED

to participate in
**Gains in the Education of Mathematics & Science
(GEMS)**



The GEMS program gives students the opportunity to explore new pursuits in Science and Math and expand upon their current interests with unique hands-on laboratory experiences.

GEMS 2010: GEMS participants will be involved in activities based on the latest cutting-edge research on hydrogen electrolysis, flexible displays, and fuel cell technology, as well as sessions on photovoltaics and generators. Activities and experiments will include building fuel cell cars and crystal radios.

2010 Program Dates:

Week #1: June 28-July 2, 2010 Week #2: July 12-16, 2010

Week #3: July 19-23, 2010

Week #4: July 26-30, 2010 Week #5: August 2-6, 2010

- Students that are U.S. citizens entering grades 7–9 in September 2010 will be considered for participation. Students must complete an on-line application and essay. Just tell us why you want to participate.
- The program is only open to new students who have not participated in GEMS at the US Army Research Lab - Adelphi.
- Program hours are Monday through Friday from 8:30 am until approximately 3:30 pm for one full week
- The Adelphi GEMS Program will be held at the US Army Research Laboratory, Adelphi Laboratory Center, 2800 Powder Mill Rd, Adelphi, Maryland.

APPLICATION DEADLINE: April 30, 2010. Early application may increase the likelihood of a student's first choice being secured. Acceptance letters will be mailed in mid-May.

Students receive a stipend of \$100 for participation in the one-week program*

To receive a stipend, students must fulfill the program requirements. The stipend is dependent on:

1. Perfect attendance
2. Level/Extent of participation
3. Enthusiasm

* Stipends will be mailed 4-6 weeks following class completion.



Students building fuel cell cars

More information about the GEMS program is available online at

<http://www.usaeop.com/programs/GEMS/>

or email: ARL_Outreach@arl.army.mil

Students must apply online at <http://www.usaeop.com/application/student1.aspx>