



Modules:

Planetary GEMS (4th-5th graders)

Students investigate the fields of geology, oceanography, and meteorology.

Neuroscience GEMS (6th-7th graders)

Students explore the five senses to learn about the brain and neurological processes.

Biochemistry GEMS (8th-9th graders)

Students conduct challenging chemistry, biology, and biochemistry experiments.

Nanotechnology GEMS (10th-11th graders)

Students create, examine, and manipulate materials and matter on an atomic, molecular, and supramolecular scale.

Grade-level eligibility for the 2016 GEMS modules based on the student's grade during the 2016-2017 school year.

One session of each GEMS module will take place:

June 20-24, June 27-July 1, July 11-15, and July 18-22, 2016, 8:30-3:30

Applicants to the 2016 USAARL GEMS Student modules must upload to the application the following:

- A Completed Teacher Recommendation Form; and
- Grade-Level Appropriate Answers to the Following Questions.
 - 1) Why would you like to participate in GEMS this summer?
 - 2) What areas of science, technology, engineering, and mathematics (STEM) are you most interested in and why?

To access the Application and download the Teacher Recommendation Form, visit:

www.usaarl.army.mil/gems

GEMS Program Coordinator
usarmy.rucker.medcom-usaarl.mbx.gems@mail.mil
334-255-6067

