



Gains in the Education of Mathematics and Science Program

GEMS 2015

GEMS is offered at no cost to the participant. Students who complete each day of the program, Monday through Friday, 8:30 am to 3:30 pm, earn an educational stipend. Students may complete one session of GEMS per summer. Eligibility is based on grade level during 2015-2016 school year.

MODULE	DESCRIPTION	ELIGIBILITY
Simple Machines GEMS	Students explore basic engineering as they build, test, and evaluate simple machines.	4 th -5 th graders
Physical Science and Forensics GEMS	Students investigate problem solving, estimation, water properties, engineering, physics/force of motion, and forensics techniques.	6 th -7 th graders
Robotics GEMS	Students build and program a robot to maneuver and conquer different tasks.	8 th -9 th graders
Medical GEMS	Students investigate the physiology of various human organ systems.	10 th -11 th graders

For tentative dates and application information, please visit: usaarl.army.mil/