

GEMS TEACHERS

GEMS (GAINS IN THE EDUCATION OF MATHEMATICS AND SCIENCE) IS A SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) EDUCATION PROGRAM THAT ENGAGES SCHOOL-AGE STUDENTS IN HANDS-ON EXPERIMENTS AND BROADENS THEIR KNOWLEDGE ABOUT STEM CAREERS. TEACHERS OVERSEE THE GEMS NEAR-PEER MENTORS, GUIDE NEAR-PEER MENTORS IN TEACHING STEM EXPERIMENTS TO GEMS STUDENTS, PROVIDE MENTORSHIP TO NEAR-PEER MENTORS, ENCOURAGE GEMS STUDENTS TO PURSUE STEM-RELATED CAREERS, AND ENHANCE HIS/HER OWN STEM-RELATED TEACHING SKILLS.

WHO CAN APPLY TO BE A GEMS TEACHER?

ELEMENTARY, JUNIOR HIGH, AND HIGH SCHOOL TEACHERS WITH EXPERIENCE TEACHING STEM-RELATED CONCEPTS AND LESSONS

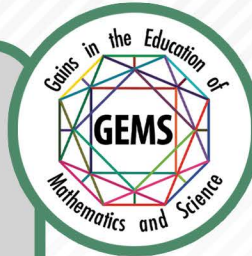
WHEN IS THE TEACHER PROGRAM?

MAY 27, 2025 – JULY 14, 2025
MONDAY – FRIDAY
7:30AM – 4:30PM

WHAT ARE THE TEACHER APPLICATION REQUIREMENTS?

A COMPLETED ONLINE APPLICATION AND RÉSUMÉ

**APPLICATION DEADLINE:
JANUARY 15, 2025**



LOADING AWESOMENESS



TOPICS LED BY TEACHERS IN 2025:



Simple Machines (4th & 5th Graders)
Exploration of basic engineering techniques to build, test, and evaluate simple machines.



Robotics (8th & 9th Graders)
Building and programming robots to maneuver and conquer different tasks using VEX engineering, design, and programming.



Forensics (6th & 7th Graders)
Investigation of problem solving, engineering, physics/force of motion, and forensics techniques.



Medical (10th & 11th Graders)
Investigation of the physiology of various human organ systems and exploration of various healthcare professions.

APPLICATION LINK: [HTTPS://USAARL.HEALTH.MIL/INDEX.CFM/STEM/GEMS/GEMS_LEADERSHIP](https://usaarl.health.mil/index.cfm/stem/gems/gems_leadership)

QUESTIONS? Contact the USAARL GEMS Coordinator @ usarmy-usaarl-stem@health.mil

