



# GEMS 2026



GEMS (GAINS IN THE EDUCATION IN MATH 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.

## STUDENT PARTICIPANTS

### WHO CAN APPLY?

ELEMENTARY, JUNIOR HIGH AND HIGH SCHOOL STUDENTS WHO ARE CURRENT 3RD-10TH GRADERS (RISING 4TH-11TH GRADERS)

### STUDENT APPLICATION REQUIREMENTS:

- A COMPLETED ONLINE APPLICATION

Selected students will participate in one of the following sessions.

Session 1: June 22-26, 2026

Session 2: June 29-July 2, 2026

Session 3: July 6-10, 2026

Session 4: July 13-17, 2026

GEMS will not meet on the Federal holiday, Friday, July 3, 2026. **Participation in GEMS is free!**

**APPLICATION DEADLINE:  
MAY 17, 2026**



## LOADING AWESOMENESS



## GEMS 2026 MODULES:



**Planetary (4<sup>th</sup> & 5<sup>th</sup> Graders)**  
Investigation of geology, oceanography, and meteorology.



**Biochemistry (8<sup>th</sup> & 9<sup>th</sup> Graders)**  
Exploration of chemical processes and reactions occurring in living things and experimentation in chemistry and biology.



**Neuroscience (6<sup>th</sup> & 7<sup>th</sup> Graders)**  
Investigate the anatomy, function and development of the central system and the brain.



**Agriscience (10<sup>th</sup> & 11<sup>th</sup> Graders)**  
Examination of the application of science to agriculture and develop an understanding of human relations, communication, the importance of agriculture to the economy.

APPLICATION LINK: [HTTPS://APPS.IDEAL-LOGIC.COM/AEOP?KEY=JKR5-G7ZD1\\_K9KH-5PTF\\_AA37BE1B4CE9](https://apps.ideal-logic.com/aeop?key=jkr5-g7zd1_k9kh-5ptf_aa37be1b4ce9)

QUESTIONS? *Contact the* USAARL GEMS Coordinator @ [USARMY-USAARL-STEM@HEALTH.MIL](mailto:USARMY-USAARL-STEM@HEALTH.MIL)

