



Continuing on your **STEM JOURNEY**



WHAT'S NEXT?

STEM ENRICHMENT ACTIVITIES

- **GEMS**

FOR GRADES 5 6 7 8 9 10 11 12

For middle and high school students, Gains in the Education of Mathematics and Science [GEMS] is a summer STEM enrichment program that takes place at participating Army Research Laboratories. GEMS' mission is to interest young people, who might not otherwise give serious thought to becoming scientists or engineers, in STEM careers early enough that they can attain the appropriate academic training.

PROGRAM LOCATIONS

AL, AZ, CA, FL, IL, MD, MA, MS, NJ, NM, TX

- **Unite**

FOR GRADES 9 10 11 12

For high school students, Unite is a pre-collegiate summer experience held at higher education institutions across the country. Unite encourages students to pursue college majors and careers in engineering and other STEM-related fields through a program of focused hands-on rigorous academics, enrichment, and career exploration.

PROGRAM LOCATIONS

AL, CO, FL, GA, IA, MD, MI, MS, MO, MT, NV, NJ, NM, NC, PA, PR, TX, VA, WV

COMPETITIONS

- **eCYBERMISSION**

FOR GRADES 6 7 8 9

An online STEM experience you can have anywhere, eCYBERMISSION lets small teams of 6-9th grade students compete for savings bonds by using STEM practices in your community. There is no entry fee and the application is 100% online. Look to start registration for your team in August.

PROGRAM LOCATIONS

Online Program

- **Junior Solar Sprint [JSS]**

FOR GRADES 5 6 7 8

For fifth to eighth grade students, Junior Solar Sprint [JSS] is a competition to create the fastest, most interesting, and best crafted solar-vehicle possible. Students will design, build and race solar powered cars using engineering skills and principles of science and math, develop teamwork and problem solving abilities, investigate environmental issues, and gain hands-on STEM skills.

PROGRAM LOCATIONS

DE, FL, GA, ID, IA, KS, KY, MS, MO, NH, NJ, NC, OK, PA, SC, TX, UT, VA, WA, WV

AEOP PROGRAM OFFERINGS

For more information on all of our programs, please visit usaeop.com.

STEM ENRICHMENT ACTIVITIES

- **Camp Invention**

FOR GRADES K 1 2 3 4 5 6

PROGRAM LOCATIONS

AL, IL, MD, MA, MS, NJ, NM, TX

- **GEMS**

FOR GRADES 5 6 7 8 9 10 11 12

PROGRAM LOCATIONS

AL, AZ, CA, FL, IL, MD, MA, MS, NJ, NM, TX

- **Unite**

FOR GRADES 9 10 11 12

PROGRAM LOCATIONS

AL, CO, FL, GA, IA, MD, MI, MS, MO, MT,
NV, NJ, NM, NC, PA, PR, TX, VA, WV

COMPETITIONS

- **JSS**

FOR GRADES 5 6 7 8

PROGRAM LOCATIONS

DE, FL, GA, ID, IA, KS, KY, MS, MO, NH,
NJ, NC, OK, PA, SC, TX, UT, VA, WA, WV

- **eCYBERMISSION**

FOR GRADES 6 7 8 9

PROGRAM LOCATIONS

Online program

- **JSHS**

FOR GRADES 9 10 11 12

PROGRAM LOCATIONS

AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA,
ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, , NC, ND,
OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY

APPRENTICESHIPS

- **SEAP**

FOR GRADES 9 10 11 12

PROGRAM LOCATIONS

AL, CA, FL, IL, MD, MA, MS, TX, VA

- **HSAP**

FOR GRADES 11 12

PROGRAM LOCATIONS

AL, AZ, CA, CO, CT, FL, GA, IL, IN, LA, MD,
MA, NJ, NY, NC, OH, SC, TX, VA, WA

- **REAP**

FOR GRADES 9 10 11 12

PROGRAM LOCATIONS

AL, AK, CA, CO, CT, DE, FL, GA, IL, IN, IO, MD, MA, MI, MN,
MS, MO, NV, NH, NJ, NM, NY, NC, PA, PR, SD, TX, WV

- **URAP**

FOR GRADES U

PROGRAM LOCATIONS

AL, AZ, CA, CO, CT, DE, FL, GA, IL, IN, LA, MD, MA,
MN, NJ, NM, NY, NC, OH, PA, SC, TN, TX, VA, WA

- **CQL**

FOR GRADES U

PROGRAM LOCATIONS

AL, CA, FL, GA, IL, MD, MA, MS, TX, VA

SCHOLARSHIPS & GRANTS

- **SMART**

FOR GRADES U G

PROGRAM LOCATIONS Varies please visit website

- **NDSEG**

FOR GRADES G

PROGRAM LOCATIONS Varies please visit website

- **Travel Awards**

FOR GRADES 6 7 8 9 10 11 12 U G

PROGRAM LOCATIONS Varies please visit website