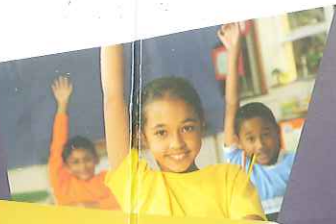


INSPIRE

ELEMENTARY & MIDDLE SCHOOL PROGRAMS



★ Camp Invention [K - 5th grade]

A summer STEM enrichment experience featuring collaborative learning opportunities led and administered by local teachers. Participants engage in fun, hands-on activities using a science-based, age-appropriate curriculum and a problem-based learning approach to inspire the pursuit of STEM. The Army provides engagement scholarships for students that are nominated by teachers in areas where the Army has research laboratories. Students are encouraged to continue direct engagement with the research facilities through GEMS.

★ Junior Solar Sprint (JSS) [5th - 8th grade]

An inquiry-based engineering challenge through which students design, build, and race model solar cars. Students develop teamwork and problem solving abilities, investigate environmental issues, gain hands-on engineering skills, and use principals of science and math to get the fastest, most interesting, and best crafted vehicle possible. Online portal provides resources and connections to education standards for teachers, mentors, and students, as they work through the design and build process.

★ eCYBERMISSION [6th - 9th grade] | A web-based science, technology, engineering and math (STEM) competition for students that promotes self-discovery and enable all students to recognize the real-life applications of science, math and technology. Using either scientific inquiry or the engineering design process, students form teams of three to four students and propose a solution to a real problem in their communities, competing for state, regional and national awards.

"The AEOP programs that I participated in, from GEMS to SEAP to CQL, have given me valuable, hands-on lab experience that I would not have attained otherwise."

~ GEMS-SEAP-CQL Student

"eCYBERMISSION has increased my confidence and passion that I can excel and contribute to the STEM fields."

~ eCYBERMISSION Student

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