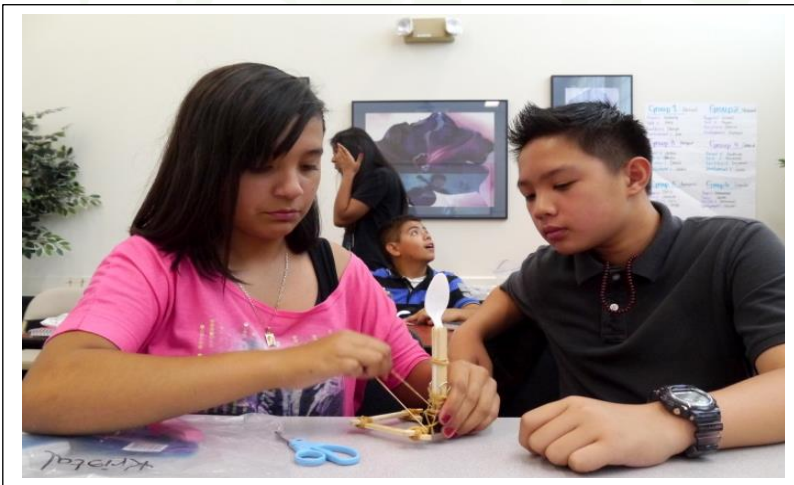


UNIVERSITY OF THE PACIFIC  
SCHOOL OF ENGINEERING &  
COMPUTER SCIENCE  
SUMMER 2024

Location: UOP Stockton Campus  
**Reach for the Stars STEM ACADEMY**

**For students entering 7<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup>, & 11<sup>th</sup> grades in the fall 2024. Students who participated in 2022 will have priority registration. Seats are limited to 50 per grade level.**

A collaborative partnership between Stockton Unified School District and  
University of the Pacific



The mission of the STEM academy is to increase the number of graduating high school seniors who meet college academic admission requirements increase the number of local youths attending Pacific and other universities, and to build a network of sustained support to guide our young people toward high school graduation. The STEM curriculum is academically focused and serves as a pipeline to higher education. The combined curricular approach of college readiness, STEM/STEAM, social justice, Common Core provides a solid foundation for students to return to their home schools in the fall with cutting edge knowledge to support them in the classroom.

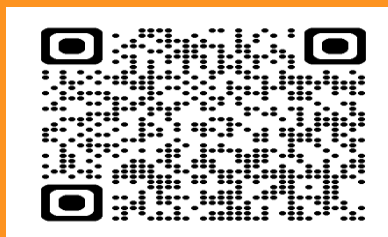
Our academy builds a community around the importance of STEM. The curriculum emphasizes the development of abstract reasoning and problem solving. The Academy incorporates several instructional strategies including problem solving, project-based learning, career opportunity awareness, research and study, teamwork, oral and written communication as well as field trips. The program is prepared to increase student academic achievement and decrease “summer learning loss.” The academy incorporates a combination of two curricula: 1) **GEMS (Great Explorations in Math and Science)** a leading resource for innovative science and mathematics education developed by the Lawrence Hall of Science, University of California, Berkeley; 2) **PREP USA STEM**, a pre-engineering college level curriculum, modeled after the very successful TexPREP programs in Texas and the San Antonio PREP programs. Curriculum is delivered via project-based activities.

*Save the Dates: June 3 – June 28th, 2024*

**Monday, June 3rd:** 9a- 11a: Opening Ceremony/parent student orientation: Long Theater

**Saturday, June 29<sup>th</sup>:** 9a- 11a: Closing Ceremony/graduation: Long Theater

More details to come after students are registered and attendance confirmed.



Please click [here](#) to register or scan QR Code.

**For more information, contact Dr. Nancy Shaw-Elium**

**nshaw@ pacific.edu - 209. 946.2287**