

STEM Professional Development



Comprehensive STEM Professional Development

Enroll your agency in *wrap-around STEM* services. The NPASS Training Program and the NAA STEM Micro-Credential program combine to create a comprehensive and unique STEM professional development program that supports a program team to deliver high quality STEM activities while simultaneously supporting individual facilitators to strengthen their STEM facilitator skills.

The NPASS Program is one of the largest, most comprehensive professional development programs for science in afterschool – combining fun and engaging STEM curriculum with a learning community model for professional development.

The NAA STEM Credentials and Digital Badging Program uses blended learning to build a system that develops and recognizes STEM teaching skills and self efficacy with the long-term goal of empowering afterschool and summer program staff members to deliver more and better STEM-related learning opportunities.

STEM Activity Training Topics:

Rubber Band Powered Cars, Balls and Tracks, Straw Rockets, Paper Bridges, Balloon Powered Cars, Gliders, Sinking and Floating and more!

STEM Facilitator Focus Areas:

- Embracing Active Learning
- Encouraging Collaborative Work
- Reflecting and Processing
- Experiences Making Career

Program Design

Group Professional Development

A CalSAC Trainer will lead 3 training workshops for your program team and will provide materials and curriculum for each activity. Each workshop focuses on a new STEM activity and workshops are scheduled every 5-7 weeks to allow your staff plenty of time to implement each activity with children and youth.

Individual Professional Development

Each individual who participates in the NPASS learning community will choose a "STEM facilitator focus area" that they want to sharpen as they implement the STEM curriculum activities. Using Click2Science's online learning platform and through coaching and observation with their CalSAC Trainer, staff will deepen their personal STEM facilitator practices.

To enroll contact Selena Levy at slevy@calsac.org or 510-444-4622 x108. Visit www.calsac.org/projects/stem for more information on all STEM training projects.