

CalSAC NPASS Project Overview

Professional development, curriculum and support for hands-on STEM in afterschool

NPASS is one of a kind:

- NPASS is one of the largest comprehensive professional development programs devoted to strengthening the capacity of afterschool programs to deliver high-quality hands-on STEM projects.
- CalSAC is the only provider of NPASS in California, one of only 7 states in the country offering this high-quality STEM program.
- NPASS is led by the Education Development Center, Inc. (EDC) and funded by the National Science Foundation's Informal Science Education program.

NPASS is setting the standard:

- The NPASS program takes its cue from research in formal education, which indicates that occasional or one-shot training has little impact on the way science is presented to students. NPASS focuses on long-term training and on-going support of afterschool programs.
- NPASS follows successful projects funded by the National Science Foundation – including Explore It! and Design It! – all of which are aligned with many national and state learning standards for science and engineering.

NPASS is different from other STEM Programs:

- NPASS builds the capacity of existing program staff by providing ongoing training that builds the knowledge and skills of staff to deliver STEM curriculum coupled with ongoing coaching and technical assistance for support along the way.
- NPASS is NOT a one-shot training. Research has shown that “drop-in” exposure to project-based science rarely changes student engagement or learning outcomes. NPASS asks programs to develop a “science club” of youth that participate in each activity over 4-6 weeks, with each session exploring the activity in more depth and building upon previous explorations.
- You don't have to know science to lead NPASS activities. The program is designed to build your staff's capacity to engage youth through inquiry and exploration as they discover each activity. Your staff will be equipped with the skills to promote problem solving, critical thinking and science process skills in the youth at your program site.

NPASS provides afterschool programs with:

- STEM training workshops for your program site staff
- Curriculum handbooks and material kits for each STEM activity
- Approximately 5-6 hours of hands-on STEM exploration PER training activity
- The same dedicated CalSAC NPASS Trainer works with the staff to provide on-going technical assistance and coaching throughout the program

To Enroll or For More Information

Visit our website or contact Zak Parpia at zparpia@calsac.org or 510.444.4622 x103

NPASS Program Models and Pricing

Cohort Packages:

Your staff will participate in a cohort for the 5-month program cycle and will attend trainings with staff from 3-4 OST programs in your community.

Standard NPASS Model – \$850

- 3 STEM training workshops within 5-month cycle (January-May or August-December) – one training workshop per STEM activity
- 3 material and curriculum kits – one kit per STEM activity
- 3 of your program staff commit to attending each of the training workshops
- Ongoing coaching and technical assistance from your NPASS Science Trainer to ensure successful, high quality implementation

Extended NPASS Model – \$1,150

- 3 STEM training workshops within 5-month cycle (January-May or August-December) – one training workshop per STEM activity
- 3 material and curriculum kits – one kit per STEM activity
- 8 of your program staff commit to attending each of the training workshops
- Ongoing coaching and technical assistance from your NPASS Science Trainer to ensure successful, high quality implementation

On-Site Single Program Packages:

The following NPASS program models are tailored specifically to only your program needs. All NPASS STEM Trainings will take place at your program site and will consist only of your staff and volunteers (up to 25 participants per training).

Three OST Program Sites Model – \$3,000

- 3 STEM training workshops within 5-month cycle (January-May or August-December) – one training workshop per STEM activity
- 9 curriculum and material kits – three kits per STEM activity (allows you to run each activity with 3 different groups of children/youth)
- Ongoing coaching and technical assistance from your NPASS Science Trainer – agency will elect 3-5 program supervisory staff to receive TA and coaching on behalf of the agency

Multiple OST Program Sites Model – \$3000 + \$150 per additional activity kit

- 3 STEM training workshops within 5-month cycle (January-May or August-December) – one training workshop per STEM activity
- 9 curriculum and material kits – three kits per STEM activity
- Program pays \$150 for each additional materials kit needed
- Ongoing coaching and technical assistance from your NPASS Science Trainer – agency will elect 3-5 program supervisory staff to receive TA and coaching on behalf of the agency