

What Your PTA Can Do to Promote STEAM Education

(Science-Technology-Engineering-Arts-Mathematics)

- Advocate for learning opportunities for all students across the full scope of STEAM subject areas and for that to be a priority in the Local Control and Accountability Plan (LCAP).
- Find PTA members who work in STEAM fields and arrange for them to speak with classes about opportunities in these areas.
- Work with your school staff to start a math, science, or computer club, looking to particularly encourage membership by girls and groups often underrepresented in these fields.
- Ask a high school math/science teacher to speak at your middle school PTA meeting about the courses offered and what the different four-year plans might be in STEM classes.
- Use the CA State PTA [Resource Library](#) to find a wealth of ideas for how parents can support STEAM learning.
- Find free online lessons in computer coding or try out experiments you find in the Resource Library, and then write an article for your PTA newsletter or website about how to learn with your child.
- Organize a career fair with local employers and community members speaking about their jobs and STEAM jobs in the area.
- Arrange with your elementary school principal to start a student garden on campus with seeds and materials donated by a local garden center.
- See if volunteer help would allow your school computer lab to be open after or before school for children to have more time.
- Serve on a textbook adoption committee to examine potential instructional materials in the STEAM fields.



- Co-sponsor a grant application with your school to set up science lab equipment or purchase computers.
- Use the Resource Library and your connections to put together a list of local nature reserves, hands-on museums, aquariums, and other family-friendly activities. Distribute the list through your email list serve or newsletter.
- Print up the [PTA Parents' Guide To Student Success](#) for each grade level from the California State PTA website and bring them to a PTA meeting, giving examples of ways parents can support their child's education in Common Core mathematics.
- Organize an outdoor or virtual event with an outside vendor for students and their parents. For example, astronomy night with telescopes, science night with small experiments, engineering night with building a circuit.
- Use the CA State PTA STEAM EXPERIENCE resources located in the Resource Library to host a virtual event for your school community.



California State PTA believes every child should have access to quality education in science, technology, engineering, arts, and math (STEAM). California State PTA supports efforts to improve STEAM education, enabling more students to acquire skills for access to higher education and employment in the 21st century workforce.