



## **STEM (Science, Technology, Engineering and Math) Inventory**

<http://www.csewi.org/STEMinventory>

### **Issue:**

- **There are many STEM programs being implemented in the state of California and across the nation, and more are being developed daily as the extent of the national STEM crisis becomes more apparent to all stakeholders. Unfortunately, there is no common clearing house or place to search for STEM programs, thus precluding the opportunity for leveraging of resources and ideas while minimizing the potential to optimize programs that have been demonstrated as a “best practice,” and bring them to scale.**
  - To find a program, users may spend hours on Google (and not all STEM programs have websites).
  - STEM practitioners need a common place to see what other organizations are doing – this will help decrease redundancy, form partnerships and/or simply help organizers get ideas.

**Answer: The STEM Inventory is an on-line, user-friendly, searchable database of many California and national STEM programs organized by grade level, geography and topic and targeted to students, STEM practitioners, teachers and parents. It is envisioned as “the place” to go to research and find existing STEM programs. To showcase great programs, it will highlight best practices amongst STEM programs. It is also envisioned as a way to facilitate the development a “STEM community” - by having organizations and programs present at one place, organizers will know that they share a common goal with others around the nation. We hope the STEM Inventory connects the dots.**

### **Process:**

- 1) STEM organization fills out information about the organization/STEM program via an on-line questionnaire at: <http://www.csewi.org/STEMinventory>
- 2) The STEMCAP committee (a range of diverse STEM stakeholders) will review the program to determine if it's a “best practice.” If a program is determined to be a “best practice” it will be highlighted on the website and included in our STEMCAP report that will be distributed to decision makers and educators nationwide.
- 3) As many promising STEM programs as we can find will be included in the searchable on-line STEM Inventory. Users will be provided with the STEM program's basic information and contact information.

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