STEM Inventory Program-Title K-12 Engineering

Org-Type

Project Lead The Way California Bruce Westermo, State Director Lead PoC PoC-Phone (619) 892-4332 PoC-Email westermo@engineering.sdsu.edu

PLTW, College of Engineering SDSU 5500 Campanile Dr San Diego, CA 92182-1326 Address

URI www.pltwca.org

All California | Nationwide Service-Region

Professional Development for Teachers | Student Program | Lesson Plan | Resources | Other Type

Subjects Computer Science | Engineering | Robotics | Technology

Middle School (5-8th grade) | High School (9-12th grade) | Professional Development Level

Other-Objectives

300,000 nationwide Demographics Served-per-Year

Content Project Lead The Way (PLTW) are engineering, technology, and medical sciences middle and high school curricular programs that is

intended to prepare students for careers in engineering and technology, to show them what the career opportunities are in these

Entry# 316

fields, and to prepare them for further education.

To increase the number of US students going into engineering and technology careers **Outcomes**

1997 Funded-Through Started

Length Ongoing Cost free to students

Primary-Funding Foundation | Industry | Donations Primary-\$ NA

Materials Curriculum for the courses

Other-Funding

How-Assessed Each student is required to contribute to the database.

Yes. We have been endorsed by the National Academy of Engineering, the National Academy of Science and the Institute of Medicine Best-Practice-Why

as a model curriculum for K-12 STEM education. The NDIA has also endorsed PLTW as a model program. We are in over 3,000 schools

and will reach over 300,000 students this year.

Promising-Practice

Sponsor Bruce Westermo Sponsor-Org College fo Engineering, SDSU

Sponsor-Phone 619-892-4332 Sponsor-Email westermo@engineering.sdsu.edu

Other-Orgs National Defense Industry Association, Aerospace Industry Association, Society of Manufacturing Engineers Education Foundation,

Small Manufactureres Institute, San Diego Economic Development Corp. Sacramento Chamber of Commerce, CSU Engineering Deans,

Qualcomm, Lockheed Martin, Boeing, Sony, Solar Turbines, American Electronics Association, Intel