STEM Inventory San Diego County ROP

Org-Type

Program-Title

PoC-Phone

Lead 22 Schools Districts - Borrego Springs PoC Valerie Hesson

> Unified, Carlsbad Unified, Coronado Unified, Escondido Union, Fallbrook Union, Grossmont Union, Julian Union, Mountain Empire Unified, Oceanside Unified, Palomar College, Poway Unified, Ramona Unified, San Diego Comm

(858) 571-7243 PoC-Email

6401 Linda Vista Rd, San Diego, CA 92111 Address

URL www.sdcoe.net/rop Service-Region San Diego County Type Student Program

Subjects Computer Science | Environmental Science | Engineering | Robotics | Technology

High School (9-12th grade) Level

Teachers are encouraged to pursue professional development activities and advanced studies that include instruction in research-Other-Objectives

> based knowledge about teaching and learning, Conferences and workshops; instructional strategies; CTE standards and framework; infusion of academic concepts into ROP classes. Strategies in recruitment and retention for special populations and non-trad careers

vhesson@sdcoe.net

Entry# 323

are provided.

25,000 Demographics Served-per-Year

Content CTE/ROP classes are classified in Industry Sectors and then by career pathways. Sectors include Agriculture and Natural Resources;

Arts, Media, and Entertainment; Energy and Utilities; Engineering and Design; Health Science and Medical Technology; Information Technology; Manufacturing and Product Development and Transportation. Our engineering courses use "Project Lead the Way"

curriculum. A number of our courses receive a-g credit and/or graduation credit.

Outcomes The primary outcome is to provide training in high-skill, high-demand occupations that lead to self sufficiency.

Started Funded-Through

Length Ongoing Cost

Primary-Funding Government Primary-\$

How-Assessed

Materials

Other-Funding Perkins, SB70 grants, Quick Start grants, Prop 1D funds.

Best-Practice-Why **Promising-Practice**

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs Articulation agreements with Grossmont, Cuyamaca, MiraCosta, Southwestern, Palomar, Mesa, City and Miramar Colleges. These

agreements permit students who have successfully completed courses to enroll in training at the community college without having to

repeat previously covered material.