Program-Title	Space, Technology and Robotic Systems
Org-Type	CTE

Lead	Lompoc High School	PoC	John Galisky
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Address	515 W. College Ave. Lompoc, CA 93436
URL	www.sbceo.org/~lompochs/STaRProgram
Service-Region	Central Coast
Type	Student Program
Subjects	Biology|Math|Chemistry|Physics|Earth Science|Space|Engineering|Robotics
Level	High School (9-12th grade)
Other-Objectives	
Served-per-Year	Demographics
Content	The focus of the Space, Technology and Robotic Systems Academyis pre-engineering, applied specifically to the aerospace industry. Students pursue an integrated core curriculum of English, Math, and Science plus a technology elective. In 10th grade, students learn the process for making a new product and are introduced to computer-aided machining in Engineering 1: Design. In the 11th grade tech class, Engineering 2: Electronics and Robotics, students learn the function of electronic components then design and build their own robots. Finally, in the last year, students solve real problems the ROP Drafting/Manufacturing course.

Outcomes			
Started	2000-01	Funded-Through	ongoing
Length	Ongoing	Cost	
Primary-Funding	Government	Primary-$	$81,000
Materials			
Other-Funding			
How-Assessed			
Best-Practice-Why			
Promising-Practice			
Sponsor		Sponsor-Org	
Sponsor-Phone		Sponsor-Email	
Other-Orgs			