

Proposed Network Name: Antelope Valley East Kern STEM Network

Vision: All students in the Antelope Valley East Kern STEM Network will demonstrate the STEM knowledge and skills necessary for success in education, work, and their daily lives.

Mission: To grow and maintain a diverse, progressive, and innovative STEM workforce within the greater Antelope Valley East Kern STEM Network through education programs and strong, dynamic community partnerships, and to establish a unified voice for STEM policy and activities throughout the region.

Goals:

1. Increase the number of STEM graduates to meet current and future regional workforce and economic development needs within the Antelope Valley East Kern STEM Network.

Objective: Increase STEM-related credentials, degrees and careers

2. Build partnerships to connect education, business and community assets to increase efficiency, innovation, scale and sustainability of quality STEM teaching and learning within the Antelope Valley East Kern STEM Network.

Objective: Develop and maintain a continuum of work-based learning experiences for preK-16 students

Objective: Leverage and coordinate regional resources, facilities, and tools needed to enhance preK-16 education of students, staff, and instructors (including formal and informal educators)

3. Strengthen quality of and expand access to STEM education across the pre-K-16 formal and informal educational institutions in the Antelope Valley East Kern STEM Network.

Objective: Increase the number of highly effective preK-16 STEM educators

Objective: Promote college and career readiness for all Antelope Valley East Kern STEM Network students