

Matthew C. Winheim Professional Bio:

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Matthew Winheim has served the Antelope Valley community as a STEM/STEAM educational leader for over 20 years. He has served as a Mathematics teacher, site and district administrator overseeing Math and Science curriculum and instruction, and worked to develop STEM/STEAM educational programs in all grades TK to early college. He has extensive experience in curriculum and professional development facilitation in Mathematics Education and STEM related subjects. He has extensive experience in both traditional and charter educational systems.

In 2009, Mr. Winheim coordinated the first of its kind fully articulated mathematics course designed for high school seniors which afforded student seamless matriculation into their local community college mathematics course and minimized student remediation needs. This also allowed students to enter STEM career pathways in the local community college more efficiently.

In 2011, Mr. Winheim was recruited by the Palmdale School District to serve as the founding administrator to begin a charter school called “*The Palmdale Aerospace Academy*”, where he served as the organization’s founding administrator. For the next six years he served as a site administrator for the school, eventually becoming the organization’s Deputy Headmaster. The Academy then recruited him back again in 2020 to provide leadership and stability to the program and see the Academy through the first year of the COVID 19 pandemic. His efforts and leadership supported the school’s development into a flagship effort for STEM workforce development in the Palmdale community and greater Antelope Valley region. He has served the Antelope Valley Union High School District, Palmdale School District, and Eastside Union School District. Mr. Winheim is dedicated to see that all students have access to the highest quality, most relevant and rigorous STEM/STEAM educational programs possible.

Matt holds a Master’s Degree in Mathematics Education. He is also a licensed private pilot. In his free time, he enjoys spending time with his three children and serving the community in which he is planted. He is passionate to “serve those who serve us,” attesting to his steadfast support of active duty military personnel stationed in the local area. No stranger to non-profit volunteer groups, he served as the founding President of the Antelope Valley Mathematics Council (AVMC), an affiliate of the California Mathematics Council- South (CMC-S), served the Los Angeles County Air Show in 2019-2020 as its STEM Activities Chairperson, currently serves as a Director, and President, of the Edwards Air Force Base Civilian-Military Support Group (Civ-Mil), and as a Director for the non-profit support 501(c)3 of STARBASE Edwards.

In October of 2022, Mr. Winheim was honored by the planners of the Aerospace Valley Open House and STEM Exhibit, hosted at Edwards Air Force Base, when they selected him as a “*Hometown Hero*” and awarded him the distinct privilege of a lifetime to fly with the USAF Thunderbirds. Matthew currently serves as a STEM educator in the Palmdale School District where he teaches Aviation to students in grades 6-8. Through this course, he teaches the fundamentals of aeronautics with applications in mathematics and scientific engineering principles to middle school students residing in underserved areas of the high desert community.