



For 21st century Creatives

PRESS RELEASE

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Tri-Valley Project Reinventing Math Education

(Pleasanton CA) The Geometry course most of us took in high school is roughly the same now as it was 60 years ago. During that time, our tech industries were seamlessly blending math and computer science -- making possible 3D animation, GPS navigation, Google maps, molecular modeling and robotics.

Helping California high school students understand the math underpinnings of these everyday technologies is the mission of Pleasanton startup Spatial Thoughtware. Their 1-year study course teaching a modern problem-solving methodology and 21st-century applications is called Dataflow Geometry.

Founder and Chief Courseware Developer Pierre Bierre says "The goal is a 4th-year Honors Advanced Mathematics option countable the same as APs towards GPA. That will take another year or two, so currently we're offering a self-paced, online learning experience free of charge to curious educators, students and parents."

The project began a decade ago at Dougherty Valley High School (San Ramon) under a grant from Lawrence Livermore Labs, with students receiving advanced math credit towards UC/CSU admission. Since then, an easier-to-learn drag 'n click user interface has been developed supplanting the need for a programming language. By modularizing each problem solution, a student can stack previous work piggyback-style -- the secret sauce known throughout tech for building complex apps.

"This is for older teen creatives thinking about careers in design, architecture, engineering, nano-molecular design, aerospace, autonomous vehicles, robotics, computer science or entrepreneurship. The goal is a new plateau of applied spatial math excellence and global competitiveness in this next generation", says Bierre.

Informational meetings for parents, students and educators will be held:

San Ramon-Danville Dougherty Station Library, Sept. 15th 6:00-7:30pm

Livermore-Dublin-Pleasanton-Sunol Livermore Civic Center Library, Sept. 23rd 7:00-8:30pm

at which time the company's 2026-27 internship opportunities will be announced.

For more information, *Invitation to Study* at DataflowGeometry.org covers student readiness and computer requirements. For educators, a detailed overview is at DataflowGeometry.org/Teachers.