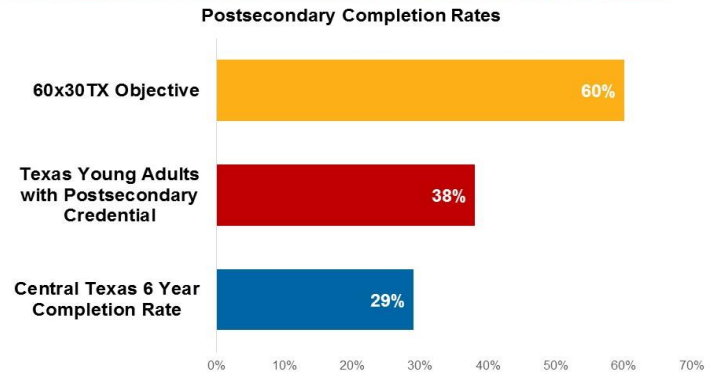


Pathways of Promise – Regional Collaborative Initiative

E3 Alliance’s **Pathways of Promise (PoP)** is a research and implementation initiative in Central Texas designed to strengthen Career and Mathematics Pathways to help students succeed in college and careers. E3 is driving research into action by partnering with local school districts and colleges which have made a commitment to address the region’s equity gap for minority and low-income students’ placement into Algebra I by 8th grade. Our research shows the importance of advanced mathematics for postsecondary degree completion, particularly credentials aligned with high-wage, high-skilled jobs in targeted industries. We are utilizing a K-16 approach to identify systemic challenges and to bring to scale promising practices and policy changes to achieve our State’s vision for postsecondary attainment as laid out in the 60x30TX Strategic Plan for Higher Education.



To Meet the 60x30TX Goal, We Have To Do Something Radically Different Across the Pipeline



Objective: 60% of Young Adults, Ages 24-35, Have Postsecondary Credential
 Source: THECB report & E3 Alliance analysis of data at the UT Austin ERC

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GREATER TEXAS FOUNDATION

Funded by the Greater Texas Foundation, this evidence-based initiative is a partnership between E3 Alliance and Austin ISD, Bastrop ISD, Del Valle ISD, Eanes, ISD, Hutto ISD, Lake Travis ISD, Leander ISD, Lockhart ISD, Manor ISD, Round Rock ISD, San Marcos CISD, UT’s Charles A Dana Center, UT’s Center for STEM Education, Huston-Tillotson University, Concordia University and Austin Community College **to help fully realize the potential for House Bill 5 which calls for the creation of high school pathways featuring broad career awareness and application, tailored to regional workforce demands.** We will also see stronger college results and greater match and versatility in our workforce optimizing our local human capital for our diverse industry labor market demands.



LOCKHART ISD



Based early findings from PoP research, E3 now focuses on five strategic areas for expansion of this initiative through 2018.

1. **RESEARCH:** follow-up research on mathematics pathways in grades 5 through 8th and for college-aligned mathematics (AP/IB/Dual Credit)
2. **POLICY CHANGE:** leveraging advocacy groups and educational systems to impact statewide “P”olicy and local “p”olicy to help more students succeed in math and post-secondary
3. **ALIGNMENT:** align efforts at the district level to develop stronger on-ramps into Algebra 1 by 8th grade
4. **PRACTICE:** intensive professional development to improve pedagogy of middle school math teachers, and
5. **REGIONAL DISSEMINATION:** dissemination of PoP research into five regions throughout Texas, utilizing the collective impact model to identify regional priorities

E3 Alliance has developed an Implementation matrix to expand our effort locally, and for use by other regions across Texas and the nation who are launching new efforts to fortify their STEM pathways:

Pathways of Promise: Recommendations for Strengthening & Deepening College & Career Pathways in Texas

| | | Community Engagement | Teacher Expertise | Principal Expertise | Counselor Expertise | | |
|------------------------|--------------------|--|---|---|--|--|--|
| Math Preparation | Elementary School | School Readiness & Out-of-School Time | Instructional Excellence Across Programs | Instructional Leadership with Focus on Equitable Acceleration | Career Exploration Curriculum | Labor Market Information Aligned to Programs of Study to College Degrees | Programs of Study Aligned to College Degrees |
| | Middle School | Course Selection and Support Services | Middle School Math Preparation & 8th Grade Gap | Instructional Leadership with Focus on Building Content Expertise | Programs of Study Aligned to Academic Prep & Labor Market Info | | |
| Advanced Course Taking | High School | Community & Industry Partnerships | 4 Years of College Aligned Math (e.g., HB 5 College Prep Courses) | Build Strong, Relevant Programs of Study | LMI, College & Career Planning and Experiences | | |
| | College Transition | Increase Access to Community Resources | Dual Credit CTE & Advanced Level Math (Pre-Cal+) | Innovative School Design (e.g., Early College High Schools) | College Planning and Preparation, Financial Aid Planning | | |
| | | Community Schools | Student Academic Preparation | Strong School Structures | Student College Counseling | | |