



Lewisville ISD

Career and Technical Education

Annual CTE Update - October 13, 2026



Agenda



- CTE Update
 - 2025-2026 CTE in Review
 - TEA Updates
 - Connecting to CCMR
 - Industry-Based Certifications
 - TECC Waitlists
- Business Partnerships Update
 - Year-end Numbers
 - Career Out Celebrations
 - Classroom Connections & Site Visits
 - Tech Titans
 - AVID Career Exploration Fair
 - Career Opportunities for Students
 - VOLY update
- Looking ahead to '26-'27

CTE Accolades

- CTENT (CTE of North Texas)
 - New Teacher of the Year - Mr. Michael Rowan (TECC-W)
 - Counselor of the Year - Ms. Maria Ortiz (Lewisville HS)
- CTAT (Career and Technical Association of Texas)
 - District of Distinction (2nd Year in a Row)
- NISE STEM Middle School Certification
 - Griffin Middle School
- American Culinary Federation
 - TECCW Culinary program is the second program in Texas to be accredited by the American Culinary Federation for Culinary Arts AND Baking & Pastry



TEA Updates

- NEW Employability TEKs added to ALL CTE Courses
- All CTE Courses moved to Chapter 127

Released November 2025

- 2025-2030 Preliminary New IBC list Released with Tiering
- CCMR Accountability for Class of 2030 Released

Released January 2026

- Texas Department of Licensing and Regulation (TDLR) requires lawful presence documentation for student registration in Cosmetology courses and for license obtainment

Preparing for the Workforce: Texas CTE Employability Standards

Mandatory integration and progression within Texas Career and Technical Education programs.

Implementation & Mandates



2025-2026 School Year Launch

School districts must begin implementing these new standards across all CTE programs.

Integrated, Not Standalone



Standards must be offered together with essential technical skills, never as a separate course.

"Including" vs. "Such as"



Indicates mandatory mastery;

Provides optional illustrative examples.

Skill Progression by Level



Levels 1 & 2: Foundational Knowledge

Focuses on identifying, defining, and explaining professional standards and work ethic.



Communication
Present technical info clearly



Teamwork
Describe group dynamics



Leadership
Describe roles of managers



Levels 3 & 4: Applied Mastery

Shifts to demonstrating skills, analyzing outcomes, and justifying professional decisions independently.



Communication
Explain and justify professional decisions



Teamwork
Analyze cooperation for better outcomes



Leadership
Compare skills of managers vs. leaders

Connecting to CCMR

Retiring TEA Model: Applies for 10th-12th Grade Student

Criteria for Meeting College, Career and Military Readiness (CCMR)

The Texas Education Agency (TEA) has identified specific ways that a student can demonstrate readiness for college, career, and military experience beyond high school. USD strives for each graduate to meet at least one of the College, Career & Military Readiness (CCMR) indicators below through high school programming and course selection.



- Score 3 on any AP exam in grades 9-12
- Dual Course Credit
 - 3 hours of dual course credit in ELA or Math - OR
 - 9 hours of dual course credits accumulated across subjects
- Earn an Associate's Degree prior to graduation
- Graduate under an advanced degree plan and be identified as a current special education student
- Meet TSI (Texas Success Initiative) Requirement in both English and Math. Select one indicator from each column below. Note: Algebra II is a prerequisite course for TSI math indicators.

Must meet ONE TSI Reading AND ONE TSI Math Indicator
Qualifying scores can be combined from different indicators

TSI English Indicator	TSI Math Indicator
TSIA2 Eng Score: 945 AND Essay: 5	TSIA2 Math Score: 950
ACT Eng Score (Prior to Feb 2023): 19 AND Composite score of 23	ACT Math Score (Prior to Feb 2023): 19 AND Composite of score of 23
ACT Eng Score (After Feb 2023): 40 (English + Reading Combined)	ACT Math Score (After Feb 2023): 22
SAT Eng Score: 480	SAT Math Score: 530
College Prep English: Course Credit	



Complete aligned sequence of CTE coursework in a Program of Study AND earn the culminating Industry- Based Certification (IBC)

- Students must be a Completer (3 or more courses for 4 or more credits) in an aligned Program of Study
- At least one Level 3 or Level 4 course
- Earn an aligned Industry-Based Certification



Enlist in the US Armed Forces or the Texas National Guard OR Complete JROTC with required AFQT score

- Complete the DD Form 4 Enlistment/ Reenlistment Document- Armed Forces of the US and send to the home high school campus
- Complete 4 JROTC Courses AND get a 31+ on Armed Forces Qualifying Test (AFQT)

Connecting to CCMR

New TEA Model: Starting
with 9th Grade Students

Each indicator is valued based on correlative value to
positive postsecondary outcomes



Foundational Postsecondary Readiness

- Met TSI using an approved College Prep Course
OR
- Potential college credit (any subject)*
 - 1 AP/IB passed exam, or
 - 3 hours On Ramps, or
 - 3 hours Dual Credit
- OR
- CTE Completer with aligned Tier 3 IBC
- OR
- JROTC Completion and 31-49 (Category IIIB AFQT)

Note:

- TSI criteria must be met in both Math and RLA for CCMR
- If either Math or Reading TSI criteria is met using a CPC, CCMR is Foundational.

*A student has the potential to earn college credit from any of these pathways; credit awarded is dependent on IHE, degree, score, etc

Demonstrated Postsecondary Readiness

- **Met TSI** using SAT or ACT or TSIA
OR
- CTE Completer with aligned Tier 2 IBC
- OR
- SPED Advanced Diploma
OR
- Workforce Ready IEP Diploma
OR
- JROTC Completion and 50-64 (Category IIIB AFQT)

Note:

- TSI criteria must be met in both Math and RLA for CCMR
- If TSI criteria is met using a combination of SAT, ACT, or TSIA scores, (with no potential college credit) CCMR is Demonstrated

Advanced Postsecondary Readiness

- Associate Degree
OR
- **Met TSI** using SAT/ACT/TSIA and **potential college credit** (any subject)*
 - 1 AP/IB passed exam, or
 - 3 hours On Ramps, or
 - 3 hours Dual Credit
- OR
- Earn Level I or Level II Certificate
OR
- CTE Completer with aligned Tier 1 IBC
- OR
- Military Enlistment
OR
- JROTC Completion and 65+ (Category II AFQT)

Note:

- TSI criteria must be met in both Math and RLA for CCMR
- If TSI criteria is met using a combination of SAT, ACT, or TSIA scores, (with potential college credit) CCMR is Advanced.

Campus Feeder One Pagers

IBC: NOCTI General Management	
L1	(79170000) Principles of Business, Marketing, & Finance
L2	(79780600) Entrepreneurship
L2	(79162700) Business Law
L1	(79165600) Foundations of Business Communication and Technology
L2	(79166600) Business Communication and Technology
L3	(79163000) Business Management

Key
Bold - Certifying Course
<i>Italicized - L3 or L4 course</i>
* - Core Credit and CTE Credit
Green - Middle School Course
Blue - FM9 Only
Yellow - FM9 and FMHS

Core Credit
Food Science - Science
Computer Science 1 - LOTE
Computer Science 2 - LOTE
AP Computer Science - LOTE and Math
Robotics 2 - Math
Financial Math - Math
Accounting 2 - Math

FMHS Coherent Course Sequence - Career and Technical Education 26-27	
3 or more courses for 4 or more credits with at least one L3 or L4 & TEA Approved Industry-Based Certification	
ARTS, AUDIO VISUAL TECHNOLOGY AND COMMUNICATIONS	
FASHION DESIGN	
IBC: Content Creation and Media Production Adobe Express	
L1	(78832200) Principles of Arts, A/V Technology, & Communications (MS)
L2	(79780600) Entrepreneurship
L2	(79831300) Digital Design and Media Production
L2	(79751300) Fashion Design 1
L3	(79752200) Fashion Design 2
L4	(79749900) Practicum in Fashion Design (2.0)
BUSINESS, MARKETING, & FINANCE	
ACCOUNTING & FINANCIAL SERVICES	
IBC: NOCTI Accounting Foundations	
L1	(79170000) Principles of Business, Marketing, & Finance
L2	(79780600) Entrepreneurship
L2	(79600000) Foundations of Business Communications Technology
L2	(79700000) Financial Math*
L2	(79600000) Accounting 1
L2	(79600000) Accounting 2*
MARKETING & SALES	
IBC: Content Creation and Media Production Adobe Express	
L1	(79723500) Principles of Business, Marketing, & Finance
L2	(79831300) Digital Design and Media Production
L2	(79780600) Entrepreneurship
L2	(79600000) Marketing
L2	(79723600) Event and Meeting Planning
L2	(79600000) Sports and Entertainment Marketing 1 (.5)
L2	(79600000) Advertising (.5)
L2	(79600000) Extended Practicum in Marketing (1st Time) (3.0)
L2	(79600000) Extended Practicum in Marketing (2nd Time) (3.0)
BUSINESS MANAGEMENT	
IBC: NOCTI General Management	
L1	(79170000) Principles of Business, Marketing, & Finance
L2	(79780600) Entrepreneurship
L2	(79162700) Business Law
L2	(79165600) Foundations of Business Communication and Technology
L2	(79166600) Business Communication and Technology
L3	(79163000) Business Management
ENTREPRENEURSHIP	
IBC: Entrepreneurship and Small Business	
L1	(79170000) Principles of Business, Marketing, & Finance
L1	(79165600) Foundations of Business Communications Technology
L2	(79780600) Entrepreneurship
L3	(79782300) Entrepreneurship 2
EDUCATION & TRAINING	
EDUCATION & COACHING	
IBC: Educational Aide I (TEA)	
L1	(79752400) Principles of Education & Training
L2	(79751700) Human Growth & Development
L3	(79761400) Instructional Practices (2.0)
L4	(79761400) Practicum in Education & Training (2.0)
ENGINEERING	
DRONE ENGINEERING	
IBC: FAA Part 107	
L1	(78775300) Introduction to Robotic Engineering (MS)
L1	(77065222) Principles of Applied Engineering and Robotics (MS-STEM)
L2	(79810500) Robotics 1
L3	(79810600) Robotics 2*
L4	(79811000) Advanced Robotics
L4	(79810800) Practicum in Drone Engineering (2.0)
HOSPITALITY & TOURISM	
FOOD SCIENCE & HOSPITALITY	
IBC: Pre-Professional Certification in Food Science Fundamentals	
L1	(78750300) Intro to Culinary (MS)
L1	(79723500) Principles of Hospitality & Tourism
L2	(79780600) Entrepreneurship
L3	(79723600) Event and Meeting Planning
L4	(79752600) Food Science*
LODGING AND RESORT MANAGEMENT - NEW	
IBC: NOCTI General Management	
L1	(79170000) Principles of Business, Marketing, & Finance
L1	(79723500) Principles of Hospitality & Tourism
L2	(79780600) Entrepreneurship
L3	(79723600) Event and Meeting Planning
L3	(79163000) Business Management
HUMAN SERVICES	
HEALTH & WELLNESS	
IBC: Pre-Professional Certification in Food Science Fundamentals	
L1	(78750100) Principles of Human Services (MS)
L2	(79780600) Entrepreneurship
L2	(79751700) Human Growth & Development
L3	(79723900) Applied Nutrition & Dietetics
L3	(79749000) Counseling & Mental Health
L4	(79752600) Food Science*
INFORMATION TECHNOLOGY	
PROGRAMMING & SOFTWARE DEVELOPMENT	
IBC: ITS - Java	
L2	(79780600) Entrepreneurship
L2	(79166600) Computer Science 1*
L3	(79168700) Computer Science 2*
L3	(28344002) AP Computer Science*
L4	(79811000) Advanced Robotics

Key
Bold - Certifying Course
<i>Italicized - L3 or L4 course</i>
* - Core Credit and CTE Credit
Green - Middle School Course
Blue - FM9 Only
Yellow - FM9 and FMHS

Core Credit
Food Science - Science
Computer Science 1 - LOTE
Computer Science 2 - LOTE
AP Computer Science - LOTE and Math
Robotics 2 - Math
Financial Math - Math
Accounting 2 - Math

CTE Programs of Study

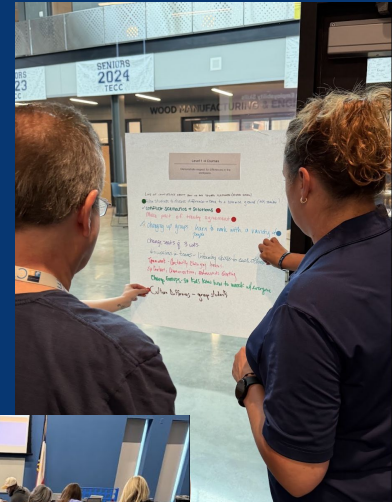
Main Campuses	
Fashion Design	Biomedical (New)
Digital Audio Technology	Robotic Engineering
Marketing & Sales	Drone Engineering
Business Management	Food Science & Hospitality
Entrepreneurship & Incubator	Lodging and Resort Management (New)
Accounting & Financial Services	Health & Wellness
Real Estate	Programming & Software Development
Education & Coaching	

CTE Programs of Study

TECC Campuses		
Applied Agricultural Engineering	Animation	Networking Systems
Environmental & Natural Resources	Graphic Design	Cybersecurity
Floral Design	Video Game Design	Fire Science
Plant Science (Horticulture)	Engineering	Law Enforcement
Vet Science	Medical Assisting	Wood Manufacturing
Architecture Design	Dental Assisting (New)	Welding (New at TECCE)
Electrical	Pharmacy Technician	Automotive Tech
HVAC	Culinary Arts	Automotive Diesel (New)
Live AV Production	Cosmetology	Collision Repair
Media & Film Production		

Summer Curriculum Sessions

- 34 Summer Sessions Aligned to One-Vision Framework and Long-Range Plan on:
 - Pacing for Courses Across LISD
 - Increase Hands-On Opportunities
 - Industry-Based Certification Alignment
 - Equitable Student Experiences Across LISD



Industry-Based Certifications

- 2025-2026 Reported Industry-Based Certifications (IBC)
 - **3,167** Certifications Earned
- New IBCs 2025-2026
 - NOCTI: General Management



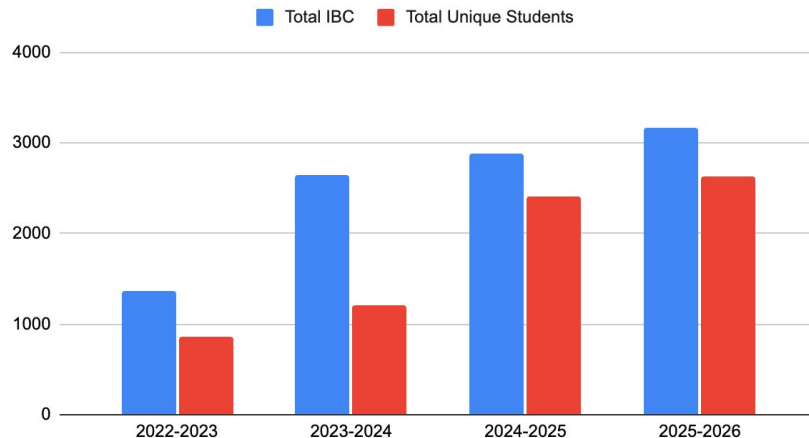
EVERY CTE Program of Study
in LISD has a corresponding IBC!



IBC Trends

Top IBCs Earned	Total IBC
Food Safety & Science Certification	1,113
NOCTI General Management	348
AWS D9.1 Sheet Metal Welding	98
Certified Clinical Medical Assistant	96
Elanco Fundamentals of Animal Science Certification	91
Autodesk Certified User AutoCAD	86

Total IBC and Total Unique Students



	<u>Total IBC</u>	<u>Total Unique Students</u>
2022-2023	1,373	863
2023-2024	2,646	1,213
2024-2025	2,875	2,405
2025-2026	3,167	2,629

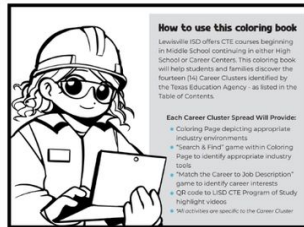
TECC Waitlists

- Waitlist more than 24 people:
 - Health Science - 132
 - Electrical - 59
 - Wood Manufacturing - 44
 - Cosmetology - 45
 - Welding - 36
 - Ag Mechanics - 26

<u>Program</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>
Health Science Level 1	29	26	164	132
Electrical	5	55	57	59
Cosmetology	5	31	62	45
Wood Manufacturing	0	3	11	44



the future is
BRIGHT
Career & Technical Education

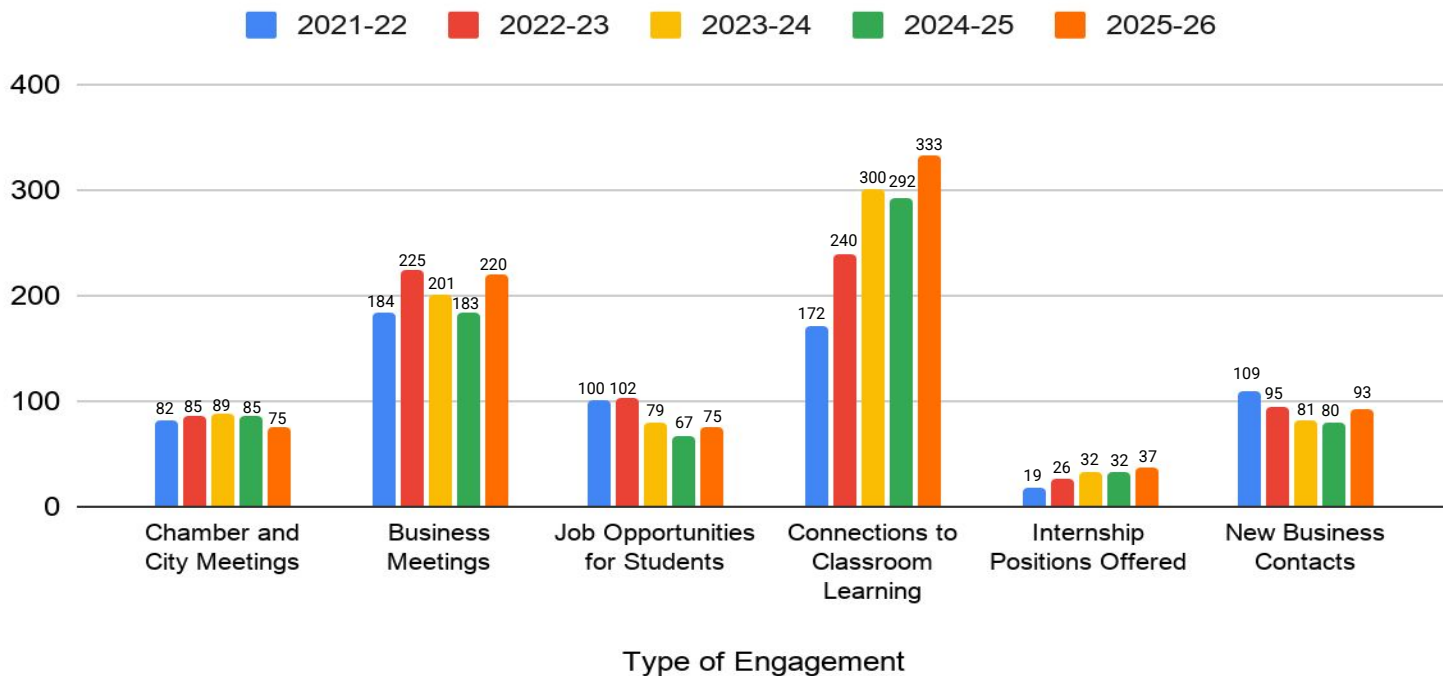


CTE Business Partnerships

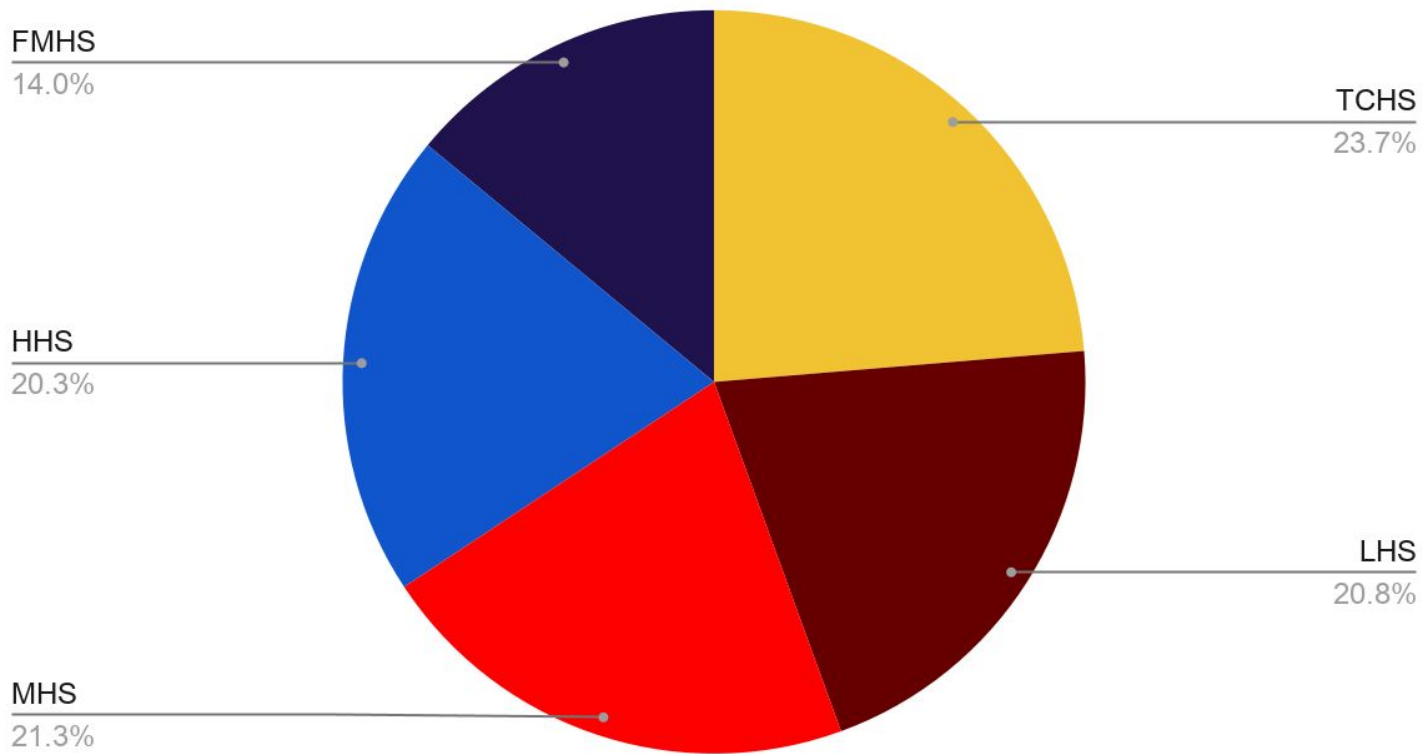


Business Partnerships

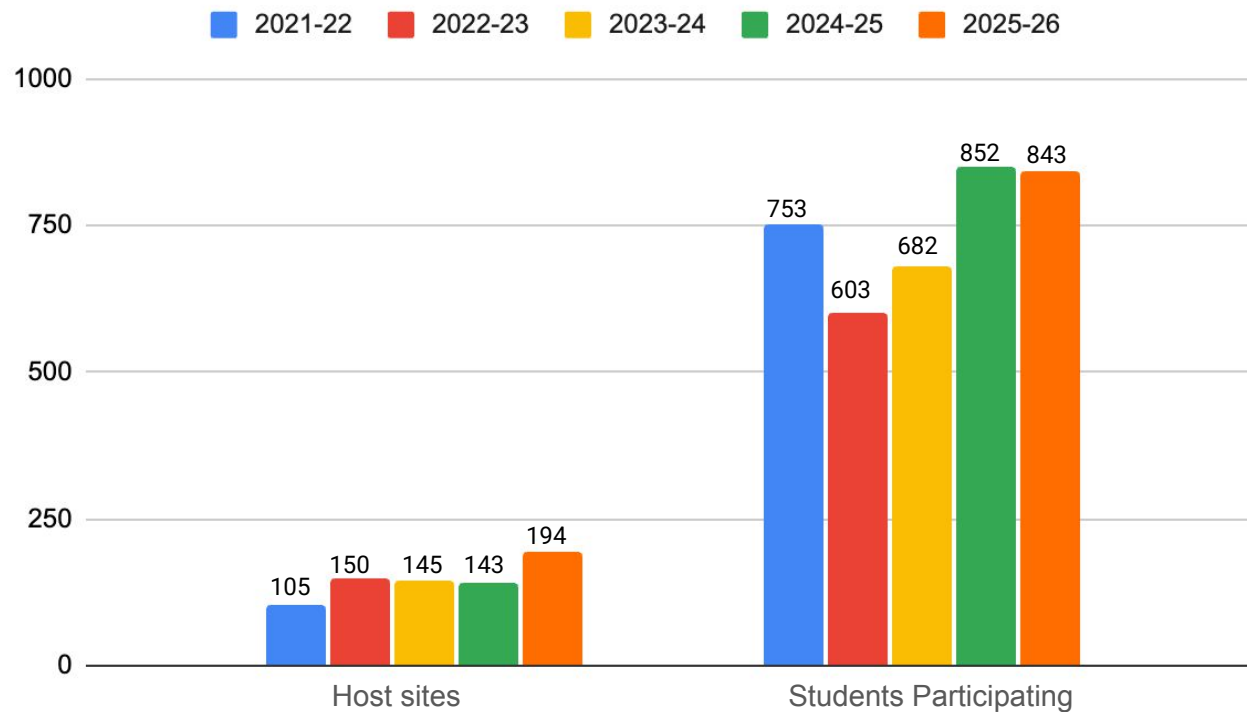
Business Partnerships Overview



Support by Feeder Pattern 2025-2026



Career Out



Classroom Connections & Site Visits

- Advisory Boards
 - 23 Advisory Boards
 - 50+ Advisory Board Meetings
 - 200+ Board Members
- Job preparation rotations at HHS
- LHS - Harmon AVID speakers
- TECC-East Mock Interviews each semester
- Elementary Engineering speaker
- Dell at TECC-East
- Careers on Wheels Support - Independence Elementary
- 6th Grade STEM Question Challenge
- FMHS Interior Design Students to NFM
- AVID 9th Grade students to Mammoth Freighters
- Junior Leadership Flower Mound - Year 4, monthly visits to industry





INCubatoredu Support

- Mentor support and training for both programs
- Board support for both programs
- Sponsors engagement
- LLC Update:
 - 3 LLC's formed out of TCHS
 - 4 LLC's formed out of LHS
- TCHS students visit to NFM and SCHEELS



DANKESREITER & EMMET, LLP



Mary Kay Women in STEM - 10th Grade

- Expanded from one school in '24-'25 to three schools last year
- Each campus got to invite 30 young ladies
- Panel discussion, tour, created lip gloss in lab with Mary Kay Scientists

Student Survey Data:

- **94%** of students reported a positive impact from seeing women in STEM roles
- **70%** of students said seeing women in diverse STEM roles “**greatly** impacted their view of their own career possibilities.”
- **91%** now recognize STEM careers in cosmetics

Student quote:

“I was surprised that on the panel, there were more than chemists and manufacturers, demonstrating that a business like Mary Kay has more that goes into it than the makeup.”





Tech Titans Update

- Tech Titan of the Future High School Award Winner - Chip Bloecher, TECC-W
- UTDallas Design Challenge
 - TECC-East, MHS
- Speed Mentoring event for MHS and HHS Robotics students
- Ericsson campus visit
- Women in STEM Events - 280 9th grade girls
- Summer Job Shadowing: Qorvo, AT&T, State Farm, Respec

AVID Career Exploration Fair

- 150 11th and 12th grade AVID students
- 30 Business tables organized by Career Cluster
- Student groups:
 - 1 group visited the fair portion
 - 1 group visited breakout sessions
- Breakout sessions:
 - How to talk to your boss/manager
 - What to do with your paycheck
 - Interview preparation

2026-2027 Fair: October 26th



Student Jobs/Internships

District-wide job fair at LHS

- 54 tables with jobs/internships available to LISD students
- All 5 high school campuses attended
 - During school day
 - Campuses bussed students
 - Video training provided prior to event
- Growth of internship opportunities
 - 3 interns during school year at Citi corporate
 - 5 summer interns at Shamrock Precision
 - 8 summer interns through Tech Titans

Job Board

- 20 new job opportunities added to Student Job website



Post job/internship opportunities for students: LISD.net/StudentJobs

VOLY Update

Welcome Back

Lindsay Ayers

65 Schools

183 Opportunities

69,406 Volunteers

290,088.61 Hours Reported



Looking Ahead



- Additional Industry-Based Certification Opportunities for Programs of Study
- Development of Student-Facing Planning Guide
- Focus on Connect 4 Your Future and Student Engagement
- Build Out Pacing Guides for the CTE | Hub
- Expand Hands-On Opportunities for Middle School Career and College Courses
- Exploration of dual-credit opportunities for CTE courses
- Texas Health Resources donation of Career Exploration Tool - Pathful
- TECC-W Spring Community Night: 1/14 5:30pm-7pm
- TECC-E Spring Community Night: 1/21 5:30pm-7pm
- Career Out: March 2nd, 2027
- District-wide Student Career Fair: March 30, 2027