



# CTE Update

*MFISD CAREER & TECHNICAL EDUCATION*

*February 2025*



CELEBRATE TODAY,  
OWN TOMORROW!

February marks the anniversary of the Smith-Hughes Act, launching Federal support for locally driven vocational education, today better known as **Career & Technical Education**.

# CTE Video

# How do we measure SUCCESS?

## 23-24 TAPR Report

Academic Year	State	Region 13	District	African American	Hispanic	White	American Indian	Asian	Pacific Islander	2 or More Races	Special Ed	Econ Disadv	EB/EL
<b>College, Career, or Military Ready (Annual Graduates)</b>													
2022-23	76.3%	76.5%	<b>77.2%</b>	66.7%	76.5%	77.1%	-	*	-	*	100%	70.1%	68.9%
2021-22	70.0%	70.5%	<b>66.6%</b>	*	61.0%	71.6%	*	*	*	*	80.0%	58.2%	37.1%
<b>Graduation Profile – CTE Completers (3 courses for 4+ credits)</b>													
	31.0%		<b>37.0%</b>										
<b>Approved Industry-Based Certifications</b>													
2022-23	33.4%	25.3%	<b>58.3%</b>	33.3%	58.0%	56.3%	-	*	-	*	50.0%	50.3%	57.8%
2021-22	28.0%	18.8%	<b>41.1%</b>	*	42.5%	39.0%	*	*	*	*	25.7%	39.2%	22.9%



# 2024-2025 Industry-Based Certifications

- Adobe Illustrator
- Adobe Photoshop
- Adobe Premiere Pro
- Autodesk Associate (Certified User) Fusion 360
- AWS D1.1 (Structural Steel Welding)
- AWS D1.9 (Sheet Metal Welding)
- BASF Plant Science
- CCMA – Certified Clinical Medical Assistant
- Educational Aide I
- Educational Aide I
- Elanco Fundamentals of Animal Science
- Elanco Veterinary Medical Applications
- Entrepreneurship and Small Business
- Fanuc Robot Operator I
- NCCER Carpentry Level I
- NCCER Core
- Stukent Social Media Marketing
- TSFA – Floral Knowledge-Based
- TSFA - Floral Level 1

# CTE Programs of Study

- Agricultural Technology & Mechanical Systems (Welding)
- Animal Science
- Biomedical Science
- Carpentry (Construction)
- Diagnostic & Therapeutic Services (Health Science)
- Digital Communications
- Engineering Foundations (Robotics Focus)
- Entrepreneurship
- Graphic Design & Interactive Media
- Marketing & Sales
- Mechanical and Aerospace Engineering
- Plant Science
- Teaching and Training
- Travel, Tourism & Attractions

**Concentrator** - 2 or more courses for 2 or more credits in the same Program of Study

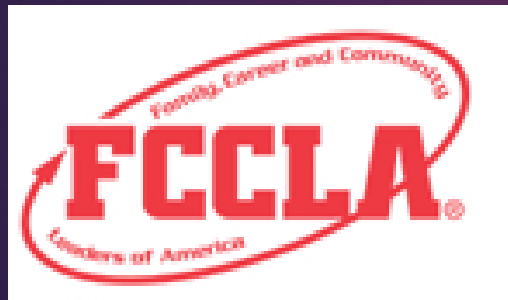
**Completer** - 3 or more courses for 4 or more credits in the same Program of Study



# Career & Technical Student Organizations (CTSOs)



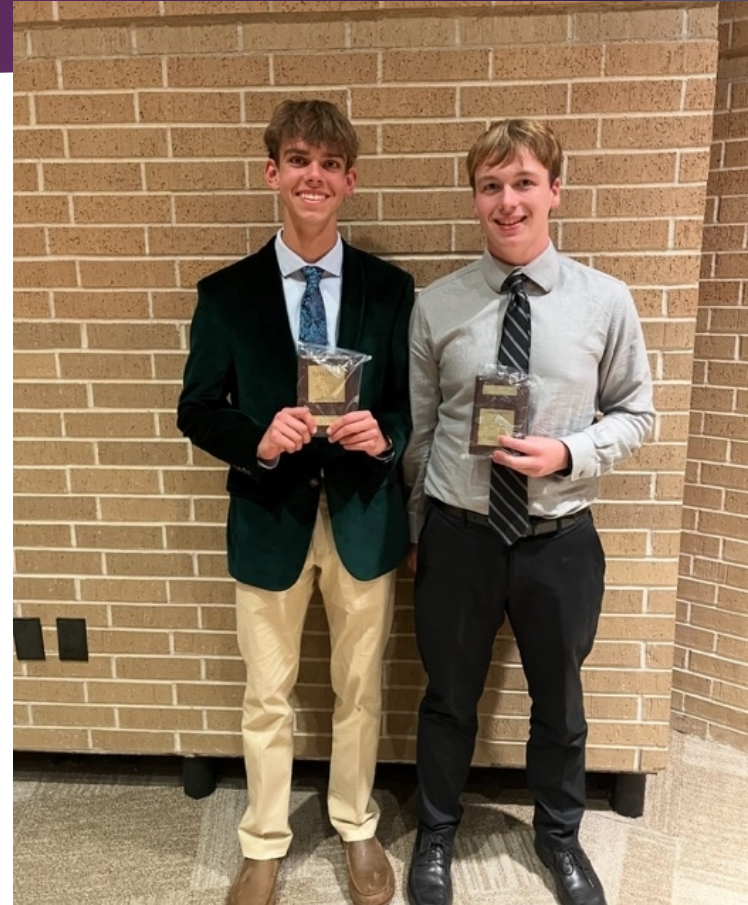
# Career & Technical Student Organizations (CTSOs)





# CTSO Results - BPA State Qualifiers

- Entrepreneurship - 1st
  - Jared Smith
- Digital Media Production - 2nd
  - Brazos White



**State Competition is February 27 - March 2 in Dallas, TX**

# CTSO Results - FCCLA Regional Competition

## Participants:

- **Career Investigation** - Caydence Bielfeldt
- **Focus on Children (Level 2)** - Destiny DeFranco, Stella Fereday, Julieanna Thomason
- **Focus on Children (Level 3)** - Yohana Ariceaga and Audria Hall Espitia
- **Focus on Children (Level 3)** - Joana Mandujano-Castillo and Anahi Montoya
- **Spotlight on Projects** - Maria Gasca
- **FCSA Creed, Mission, & Purpose** - Yohana Ariceaga, Caydence Bielfeldt, Maya Collazo, Destiny DeFranco, Stella Fereday, Maria Gasca, Audria Hall Espitia, Mia Hill, Joana Mandujano-Castillo, Anahi Montoya, **Mikaela Moody (Bronze Medal)**, and Julieanna Thomason



# FFA Leadership Development Events

Students	Event	Placement
Hailey Duty, Kaydee Smith, Tennie Smith, Johnie Walker	Ag Advocacy	3 <sup>rd</sup> at District
Tyler Belk, Kenadi Dalton, Hailey Duty, Brayson Hambrick	Ag Issues	2 <sup>nd</sup> at District, 10 <sup>th</sup> at Area
Tate Carson, Joaquim Edwards, Adyson Floyd, Kayler Kalbaugh, Emma Martin, Averie Nesrsta	Greenhand Chapter Conducting	2 <sup>nd</sup> at District, 12 <sup>th</sup> at Area
Travis Lutz Kenley Virdell	Greenhand Creed Speaking	6 <sup>th</sup> at District 8 <sup>th</sup> at District
Sydney Belk, Reed Kanka, Mattilynn King, Travis Lutz	Greenhand Quiz	3 <sup>rd</sup> at District
Luke Person, Michel Pineda, Brandon Seely	Greenhand Skills	4 <sup>th</sup> at District
Mia Davila	Greenhand Spanish Creed Speaking	3 <sup>rd</sup> at District
Abi Boucher, Kenadi Dalton, Kenzie Grider, Kenley Virdell	Public Relations	3 <sup>rd</sup> at District
Lainey Anderson, Tyler Belk, Brayson Hambrick	Radio Broadcasting	2 <sup>nd</sup> at District, 10 <sup>th</sup> at Area
Kamdyn Brackenridge	Senior Creed	8 <sup>th</sup> at District
Chandler Fry, Kenzie Grider, Fairen Overly, Kaydee Smith	Senior Quiz	8 <sup>th</sup> at District
Colton Adams, Garrett Boshears, Sebastian Jimenez, Cypress Neve	Senior Skills	1 <sup>st</sup> at District, 11 <sup>th</sup> at Area



# CTSO Results

## FFA/4-H Burnet County Livestock Show

Student Name	Entry Type	Division	Class	Place	School
Cox, Austin	Market Broilers	Market Broilers	Broilers Cockrells	5	Colt ES
Dalton, Brooklyn	Market Hogs	Black OPB Market Hogs	Light Weight Black OPB	4	Colt ES
Piel, Kinley	Market Broilers	Market Broilers	Broilers Cockrells	6	Colt ES
Weldon, London	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	2	Colt ES
Weldon, London	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	10	Colt ES
Wing, Avery	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	13	Colt ES
Wing, Graham	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	13	Colt ES
Escobar, Eric	Market Rabbits	Market Rabbits	Class 1 Market Rabbits	12	MFE
Porter, Perry	Market Rabbits	Market Rabbits	Class 1 Market Rabbits	1	MFE
Smith, Kynlee	Market Hogs	Duroc Market Hogs	Light Weight Duroc	3	MFE
Smith, Kynlee	Market Hogs	Black OPB Market Hogs	Heavy Weight Black OPB	3	MFE
Vineyard, Rylen	Market Rabbits	Market Rabbits	Class 4 Market Rabbits	11	MFE



# CTSO Results

## FFA/4-H Burnet County Livestock Show

Belk, Sydney	Breeding Heifers	American Breeding Heifers	12-24 Month American	3	MFMS
Belk, Sydney	Breeding Heifers	European Breeding Heifers	0-12 Month European	<b>1</b> Breed Reserve Champion	MFMS
Cox, Anson	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	5	MFMS
Cox, Anson	Market Goats	Market Goats-Heavy Weight	Heavy Weight Mkt Goats-Class 5	6	MFMS
Floyd, Adyson	Market Hogs	Crossbred Market Hogs	Md. Heavy Weight Cross	4	MFMS
Floyd, Adyson	Breeding Gilt	BOPB Breeding Gilt	June BOPB Breeding Gilt	5	MFMS
Kaspar, Evan	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	11	MFMS
Lutz, Travis	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	1	MFMS
Lutz, Travis	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	8	MFMS
Malm, Hayden	Market Rabbits	Market Rabbits	Class 1 Market Rabbits	5	MFMS
Moehle, Emma	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	14	MFMS
Porter, Easton	Market Goats	Market Goats-Heavy Weight	Heavy Weight Mkt Goats-Class 6	2	MFMS
Porter, Easton	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	6	MFMS
Sulak, Bentlee	Market Hogs	Duroc Market Hogs	Medium Weight Duroc	5	MFMS
Virdell, Kamryn	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	10	MFMS
Wilde, Bridgette	Angora Goats	Angora Goats	0-12 Month Angora Does	2	MFMS
Wilde, Bridgette	Angora Goats	Angora Goats	12-24 Month Angora Does	3	MFMS
Wilde, Bridgette	Angora Goats	Angora Goats	24-36 Month Angora Does	3	MFMS
Wilde, Bridgette	Angora Goats	Angora Goats	24-36 Month Angora Does	8	MFMS

# CTSO Results

## FFA/4-H Burnet County Livestock Show

Aguirre, Aryana	Market Rabbits	Market Rabbits	Class 4 Market Rabbits	10	MFHS
Arreguin, Luis	Ag Mechanics	Ag Mechanics	Trailers	<b>1 Grand Champion</b>	MFHS
Baker, Esther	Ag Mechanics	Ag Mechanics	Furniture	2	MFHS
Belk, Tyler	Market Steers	American Market Steers	Heavy Weight American	1	MFHS
Belk, Tyler	Breeding Heifers	American Breeding Heifers	0-12 Month American	2	MFHS
Belk, Tyler	Breeding Heifers	European Breeding Heifers	12-24 Month European	2	MFHS
Belk, Tyler	Market Steers	British Market Steers	Heavy Weight British	4	MFHS
Belk, Tyler	Breeding Heifers	American Breeding Heifers	0-12 Month American	<b>1 Breed Champion</b>	MFHS
Belk, Tyler	Breeding Heifers	American Breeding Heifers	12-24 Month American	<b>1 Breed Reserve Champion</b>	MFHS
Belk, Tyler	Breeding Heifers	British Breeding Heifers	24-30 Month British	<b>1 Breed Reserve Champion</b>	MFHS
Belk, Tyler	Heifers	Heifers	Heifers	<b>Sr. Showmanship Heifer</b>	MFHS
Bertino, Natalie	Breeding Gilt	BOPB Breeding Gilt	July BOPB Breeding Gilt	1	MFHS
Bertino, Natalie	Breeding Gilt	WOPB Breeding Gilt	July WOPB Breeding Gilt	2	MFHS
Boucher, Abigail	Breeding Gilt	Duroc Breeding Gilt	A/S Duroc Breeding Gilt	1	MFHS
Boucher, Abigail	Breeding Gilt	Duroc Breeding Gilt	June-Early July Duroc Breeding Gilt	1	MFHS
Boucher, Abigail	Breeding Gilt	Hampshire Breeding Gilt	July Hampshire Breeding Gilt	3	MFHS
Boucher, Abigail	Market Hogs	Crossbred Market Hogs	Heavy Weight Cross	<b>1 Breed Champion</b>	MFHS
Boucher, Abigail	Breeding Gilt	WOPB Breeding Gilt	June WOPB Breeding Gilt	<b>1 Breed Champion</b>	MFHS
Boucher, Abigail	Market Hogs	Hampshire Market Hogs	Heavy Weight Hampshire	<b>1 Breed Champion Market Hogs Grand Champion</b>	MFHS
Boucher, Abigail	Breeding Gilt	BOPB Breeding Gilt	A/S BOPB Breeding Gilt	<b>2 Breed Reserve Champion</b>	MFHS
Boucher, Abigail	Market Hogs	Market Hogs	Market Hogs	<b>Sr. Showmanship Market Hogs</b>	MFHS

# CTSO Results

## FFA/4-H Burnet County Livestock Show

Cortez, Mario	Ag Mechanics	Ag Mechanics	Truck/Tractor Farm Implements	5	MFHS
Cortez, Mario	Ag Mechanics	Ag Mechanics	Welding Competition	<b>Welding Competition Champion</b>	MFHS
Dalton, Kenadi	Market Hogs	Duroc Market Hogs	Light Weight Duroc	4	MFHS
Duty, Hailey	Market Goats	Market Goats-Heavy Weight	Heavy Weight Mkt Goats-Class 6	3	MFHS
Escobar, Jose	Market Rabbits	Market Rabbits	Class 1 Market Rabbits	11	MFHS
Falcon-Escobar, Luis	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	14	MFHS
Godinez, Mario	Ag Mechanics	Ag Mechanics	Truck/Tractor Farm Implements	5	MFHS
Grider, Mackenzie	Breeding Gilt	Hampshire Breeding Gilt	July Hampshire Breeding Gilt	<b>1 Breed Champion</b>	MFHS
Grider, Mackenzie	Market Hogs	Crossbred Market Hogs	Md. Light Weight Cross	<b>1 Breed Reserve Champion</b>	MFHS
Hambrick, Brayson	Ag Mechanics	Ag Mechanics	Truck/Tractor Farm Implements	2	MFHS
Hardy, Robert	Ag Mechanics	Ag Mechanics	Trailers	<b>1 Grand Champion</b>	MFHS
Holder, Hunter	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	4	MFHS
Holder, Hunter	Market Rabbits	Market Rabbits	Market Rabbits	<b>Sr. Showmanship Rabbits</b>	MFHS
Jimenez, Sebastian	Ag Mechanics	Ag Mechanics	BBQ Stationary	2	MFHS
Jimenez, Sebastian	Ag Mechanics	Ag Mechanics	Ag Mechanics	<b>Sr. Showmanship Ag Mechanics</b>	MFHS

# CTSO Results

## FFA/4-H Burnet County Livestock Show

Kanka, Fisher	Ag Mechanics	Ag Mechanics	Novelties <\$150	1	MFHS
Kaspar, Sam	Market Rabbits	Market Rabbits	Class 4 Market Rabbits	12	MFHS
Leblanc, Jaquehelane	Market Goats	Market Goats-Light Weight	Light Weight Mkt Goats-Class 2	5	MFHS
Meza, Manuel	Ag Mechanics	Ag Mechanics	Novelties <\$150	5	MFHS
Milam, Colton	Ag Mechanics	Ag Mechanics	Novelties <\$150	3	MFHS
Moomaw, Addie	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	7	MFHS
Neve, Cypress	Ag Mechanics	Ag Mechanics	Novelties <\$150	2	MFHS
Oelschleger, Ross	Market Rabbits	Market Rabbits	Class 4 Market Rabbits	9	MFHS
Rutland, Colton	Ag Mechanics	Ag Mechanics	Novelties <\$150	4	MFHS
Seely, Brandon	Ag Mechanics	Ag Mechanics	Furniture	4	MFHS
Smith, Kaydee	Market Hogs	Hampshire Market Hogs	Medium Weight Hampshire	3	MFHS
Smith, Kaydee	Breeding Heifers	American Breeding Heifers	0-12 Month American	3	MFHS
Smith, Kaydee	Market Hogs	Hampshire Market Hogs	Medium Weight Hampshire	4	MFHS
Smith, Kaydee	Market Hogs	Crossbred Market Hogs	Heavy Weight Cross	4	MFHS
Smith, Tennie	Market Goats	Market Goats-Med Weight	Medium Weight Mkt Goats-Class 4	4	MFHS
Smith, Tennie	Market Goats	Market Goats-Heavy Weight	Heavy Weight Mkt Goats-Class 5	5	MFHS



# CTSO Results

## FFA/4-H Burnet County Livestock Show

Sulak, Payton	Market Steers	European/Cross Market Steers	Light Weight European/Cross	3	MFHS
Virdell, Kenley	Boer Breeding Goats	Boer Breeding Goats	6-12 Month % Boer Doe	2	MFHS
Virdell, Kenley	Boer Breeding Goats	Boer Breeding Goats	6-12 Month Boer Doe	3	MFHS
Walker, Johnie	Ag Mechanics	Ag Mechanics	Novelties <\$150	1	MFHS
Walker, Johnie	Market Hogs	Duroc Market Hogs	Light Weight Duroc	2	MFHS
Walker, Johnie	Market Hogs	Black OPB Market Hogs	Light Weight Black OPB	3	MFHS
Walker, Johnie	Market Hogs	Crossbred Market Hogs	Md. Heavy Weight Cross	7	MFHS
Walker, Johnie	Ag Mechanics	Ag Mechanics	Ag Mechanics	<b>Reserve Showmanship Ag Mechanics</b>	MFHS
Walker, Noah	Market Rabbits	Market Rabbits	Class 3 Market Rabbits	6	MFHS
Walker, Noah	Market Rabbits	Market Rabbits	Class 2 Market Rabbits	7	MFHS
Wilde, Brenna	Angora Goats	Angora Goats	24-36 Month Angora Does	6	MFHS
Yaklin, Conner	Ag Mechanics	Ag Mechanics	Novelties <\$150	4	MFHS

# CTSO Results

## FFA/4-H San Antonio Livestock Show

Student Name	Species	Place
Abi Boucher	Pigs	3 <sup>rd</sup> place (made sale)
Tyler Belk	Heifer	9 <sup>th</sup> place
Kenley Virdell	Goats	11 <sup>th</sup> and 15 <sup>th</sup> place

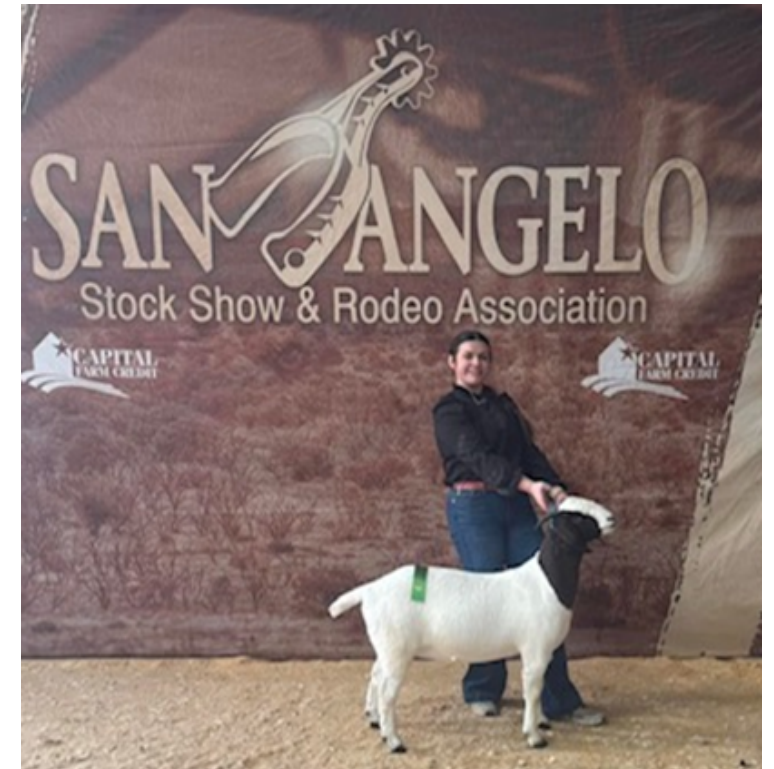




# CTSO Results

## FFA/4-H San Angelo Livestock Show

Student Name	Species	Place
Abi Boucher	Pigs	2 <sup>nd</sup> and 8 <sup>th</sup> place (made sale)
Kenley Virdell	Goats	6 <sup>th</sup> place
Kenzie Grider	Pigs	10 <sup>th</sup> place





# CTSO Results

## FFA/4-H San Angelo Livestock Show



**Cypress Neve and Colton Adams, Luis Arreguin and Robert Hardy, Brayson Hambrick, Brandon Seely, Sebastian Jimenez, Johnie Walker**





# CTSO Results - Skills USA State Qualifiers



Student Name	Event	Project	Place
Paityn Garcia	Carpentry Project	Guitar	Blue Ribbon
LT Gurganus	Carpentry Project	Guitar	Blue Ribbon
Lucas Lout	Carpentry Project	Charcuterie Board	Blue Ribbon
Esther Baker	Welding Project	Bowtie Coffee Table	Blue Ribbon
Tim Fogle	Welding Project	Welding Art	Blue Ribbon, Silver Medal
Colton Milam	Welding Project	Fire Pit	Blue Ribbon
Roman Brown, Mario Cortez, Mark Villalobos	Fabrication Team	Metal Table	Gold Medal
Sebastian Jimenez	Welding 1	Welding	Gold Medal
Brandon Seely	Welding 1	Welding	Silver Medal



**State Competition is April 2nd - 5th in Corpus Christi**

# CTSO Results - Skills USA State Qualifiers



Student Name	Event	Project	Place
Aiden Gillen	Construction Materials	Tool ID	Gold Medal
Brayden Jones	Tool ID	Tool ID	Bronze Medal
Eleanor Charles	Tool ID	Tool ID	Top 10
Lucas Lout	Tool ID	Tool ID	Top 10
Tim Fogle and Christopher Meissen	Video Production	Video Production	Bronze Medal



**State Competition is April 2nd - 5th in Corpus Christi**

# State Competition is April 2<sup>nd</sup> – 5<sup>th</sup> in Ft. Worth

## CTSO Results - TSA (MFMS)

Student Name	Event	Student Name	Event
Tyler Redman	Astrophotography	Travis Lutz	Manufacturing Metals
Collis Berkman, Lucy Gratehouse, Gwen Mattox, Easton Porter, Ellie Smith and Tatum Thompson	Chapter Team	Claire Faleiro	Manufacturing Wood Outdoor
Lila Schnitzler Gwen Mattox	Children's Stories	Eli Bradley, Evan Kaspar, and Noah Yeary	Medical Technology Issues
Cooper Haltom and Joshuah Mason	Coding	Travis Lutz	Other Materials-Leather
Liam Benton, Eli Bradley, Henry Edwards, Jaxson Sanchez, and Jake Welch	Community Service Video	Tyler Redman	Photography - Flowers
Lillian Clark	Digital Photography	Nevaeh Contreras	Photography – Nature Macro
Charles Hoenig	Dragster	Tyler Redman	Photography – Sunrise/Sunset
Lila Schnitzler	Flight	Farrah Thornblom	Prepared Speech
Kymerlynn Buie and Kimia Choheili	Forensic Technology	Lucy Gratehouse and Ellie Smith	Problem Solving
Magnolia Payson, Zellam Payson, and Rita Sluyter	Off the Grid	Eli Bradley	Promotional Marketing
Maximino Domingo and Samuel Peraza	Off the Grid	Finleigh Eledge	Screen Print Communications
Kymerlynn Buie, Kimia Choheili and Cooper Haltom	Leadership Strategies	Bodie Christopher, Charles Dean, and Jack Orifice	Website Design



State Competition is April 2<sup>nd</sup> – 5<sup>th</sup> in Ft. Worth

# CTSO Results - TSA (MFHS)

## State Qualifiers

Student Name	Event	Student Name	Event
Jonathan Leflet	Animal/Pet Photography- B/W	Landon Griffith and Gregory Lemon	Forensic Science
Jonathan Leflet	Animal/Pet Photography - Color	Hudson Brantley, John Ortis, Sean Smith, and Brazos White	On Demand Video
Jonathan Leflet Casie Stence	Architecture	Landon Farris, Dylan Griffin, Abbey Kinzel, Gregory Lemon, Nicolas Smith, Sean Smith	Robotics
Cayleigh Copus	Audio Podcasting	Cayleigh Garay	Screen Print Comm.
Cayleigh Garay Madison Green	Children's Stories	Sophie Adam, Abbey Kinzel, and Brooke Mecham	STEM Mass Media
Noe Hall and Brooke Mecham	Debating Tech Issues	Owen Martin and Connor Yaklin	Structural Design & Eng.
Daniel Edwards and Judah Neve	Digital Video Production	Cassie Stence	Sticker Decal
Max Carpenter, Landon Fletcher, Sam Kaspar, Max Melendez, Cruz Narvaez, and Evan Puga	Engineering Design	Brighton Bernard and Max Melendez	Tech. Problem Solving
Cayleigh Copus, Madison Green, and Alexis Mueller	Fashion Design & Tech	Sophie Adam, Abbey Kinzel, and Brooke Mecham	Video Game Design
		Sophie Adam, Abbey Kinzel, and Brooke Mecham	Webmaster



# Career Day

January 23, 2025

*Sponsored by CTE &  
Noonday Rotary*

## Career Sites include:

- Animal Science
- Art / Photography
- Attorney/Legal Professions
- Automotive Technology
- Aviation
- Cosmetology
- Dentistry
- Early Childhood Education
- Education/Teaching
- Energy/Lineworker
- Engineering
- Entrepreneurship
- Finance Careers
- Firefighter/Paramedic/EMT
- Healthcare/Nursing
- Law Enforcement
- Media Marketing and Communications
- Medical Doctor/Physician Assistant
- Real Estate



# Career Day



# CTE Teachers

Anthony Bargas - Business Management

George Bermudez - Forensic Science

Karl Bielfeldt - Construction & Trades

Adley Canales - Pathophysiology / Microbiology

Anyssa Canales - Travel & Tourism / Teaching & Training

James Conner - Agricultural Sciences

Madison Cotton - Agricultural Sciences

Alex Dupre - AV Technology

Trey Hartsock - Agricultural Mechanics / Welding

Michelle Jett - MS Digital Media

ElizaBeth Jones - Entrepreneurship & Marketing

Hannah Joy - Agricultural Sciences

Rebecca Lazos - Teaching & Training

Noah Marchak - MS Level-Up

Jackie Medina - Health Science

Emily Mendoza - Health Science

Chloe Pierce - Graphic Design - Yearbook

Lauren Riback - Agricultural Mechanics / Welding

Lindsey Todesco - Engineering & Robotics

Leonard Venghaus - Construction & Trades

Cory Williamson - MS Engineering

Andrew Winslow - MS Level-Up



**Thank you for your support!**