

STEM Inspired

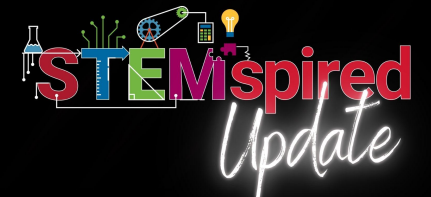
The logo features the word "STEM Inspired" in a stylized, multi-colored font. The letters "S", "T", "E", and "M" are in red, blue, green, and purple respectively, while "Inspired" is in red. The letters are outlined in white. Various icons are integrated into the design: a flask with blue liquid and a circuit board on the left; a blue arrow pointing right from the 'T'; a green circuit board on the 'E'; a blue gear and a green gear on the 'M'; a calculator and a yellow lightbulb on the 'I'; and a purple puzzle piece and a resistor symbol on the 'P'. A white line connects the bottom of the 'S' to the bottom of the 'M'.

Quarterly Update #2

Tyesha Smith Lowe, Executive Director of Innovation



STEMspired is Cedar Hill ISD's mindset of systemwide STEM implementation. It derives from the district's motto of Educate. Empower. Inspire, and means science, technology, engineering and math education that arises from an external creative impulse.



STEMspired Implementation Project Timeline

District Vision
District structure/systems design
Budget/Finance Systems
STEM PD-Central Staff & Leadership Team
Change Management PD
Campus Implementation Strategy
Partner Engagement

PHASE 1
March - May 2021

STEM PD-PBL/CBE CIA & implementation evaluation
Campus Capacity-Building
Dual Credit/AP/CTE Expansion
STEM Culture Development
Partnership Development & Onboarding
STEM Summer Programming

PHASE 2
May - August 2021

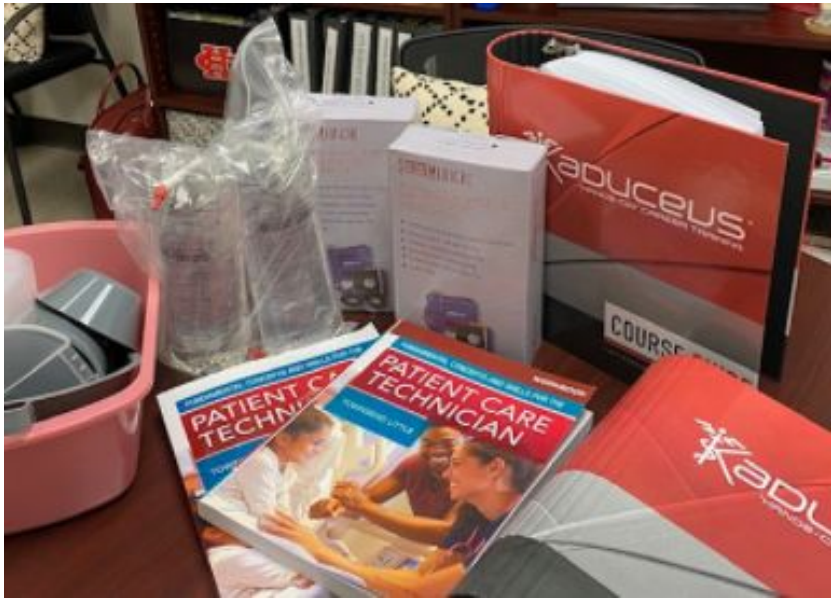
Campus Implementation-STEM CIA, evaluation & culture development
T-STEM Designation Process
On-going PD
Partner Engagement
Baseline Data Collection
Risk & Mitigation Planning

PHASE 3
August - December 2021

Campus Implementation cont.
PD-STEM Design Part II
Data Analysis and CI
Year 2 STEM Proposals
Communication/Storytelling
Work Based Learning
T-STEM Designation at CHHS

PHASE 4
January 2022 - May 2022

Science Instructional Supports



Elementary STEMspired Clubs



Project Based Learning Professional Development



STEM Inspired
Update



STEMspired Family Nights

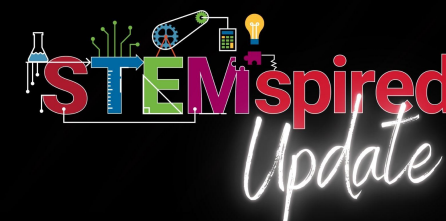


Lake Ridge Elementary
High Pointe Elementary
Highlands Elementary
Bray Elementary
Collegiate Prep
Bessie Coleman Middle School





STEMspired Principal Learning Sessions



STEM Center Dedication



STEMspired Saturdays



STEMspired Saturday: Teacher Edition
Elementary & Middle School Teachers

STEMspired Saturday: Scholar Edition
Elementary Scholars (Kinder - 5th)



STEMspired Saturday: Scholar Edition
Secondary Scholars (8th - 12th)



Dr. Peggy M. Wilson STEM Center



Biomedical Science
Engineering
Audio Visuals in Makerspace
STEM Center Phase II



Community Engagement & Business Partnerships

UT Southwestern Medical Center
Esposure Inc.

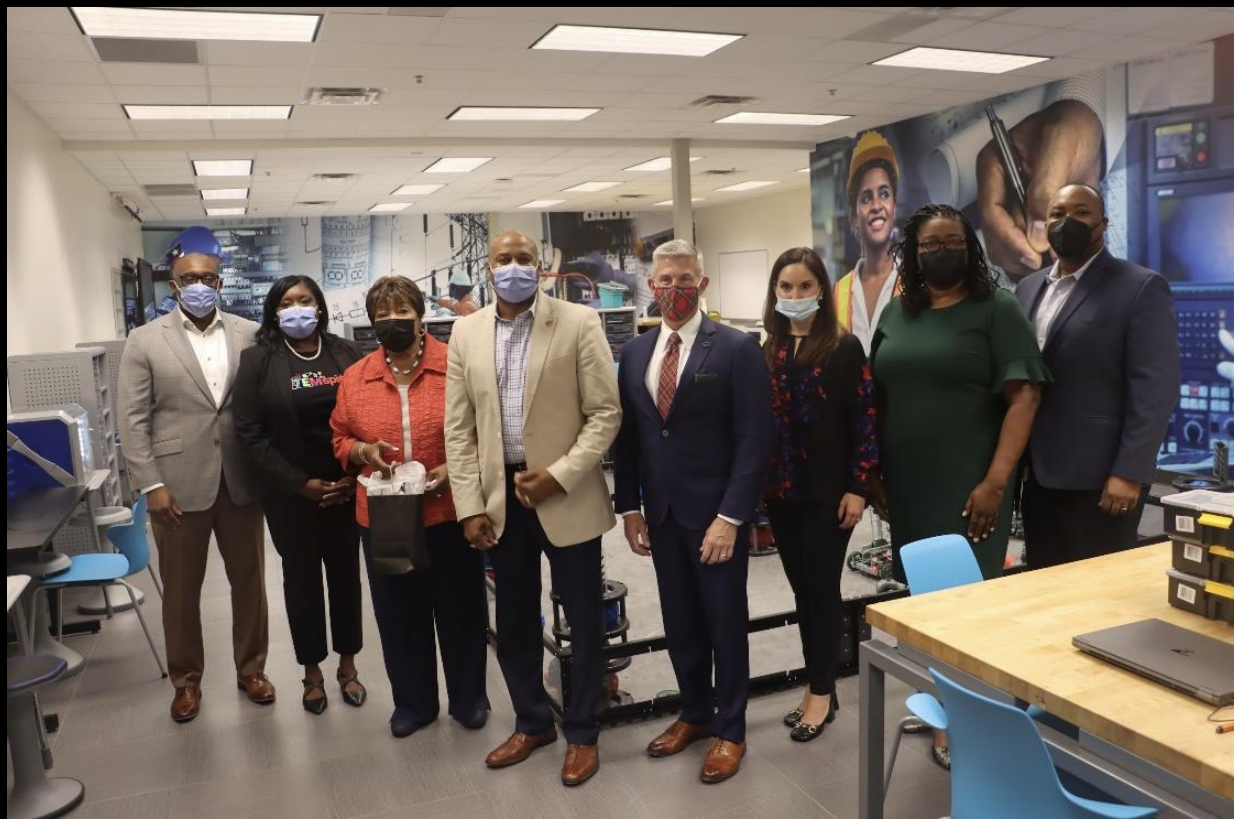
Perot Museum

Cedar Hill Economic Development

TAMU AgriLife - DFW Hunger Summit

Clear Scope Media

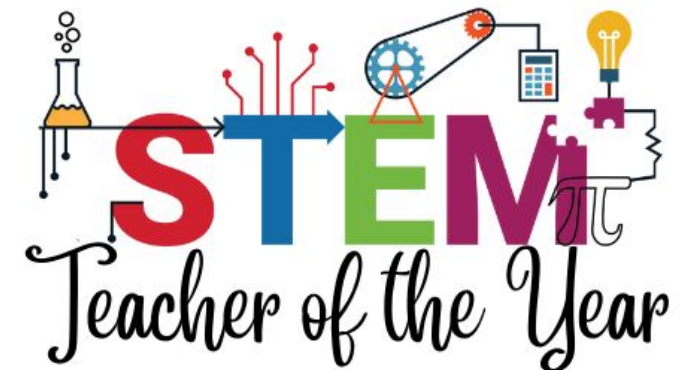
Educate Texas



Inaugural STEM Teacher of the Year Finalists

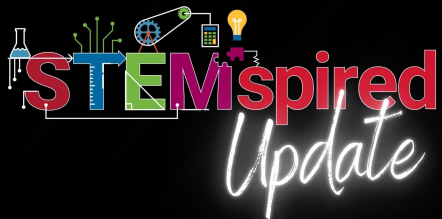


Bray Elementary - Tiffanie Johnson
Cedar Hill High School - Holly Brookman
Coleman Middle School - Leslie Moore
Collegiate Academy/High School - Ashley Pierce
Collegiate Prep Elementary - LaTonya Gaither
High Pointe Elementary - Olaide Ajakaye
Highlands Elementary - Angie Gonzalez-Roland
Lake Ridge Elementary - Matthew Gaines
Permenter Middle School - LaToya Stone
Plummer Elementary - Terri Harris



Quarterly Data Reports

BOY
MOY
YouthTruth Surveys
Budgetary Reports
Communities In School
NAPE Participation
HELP Data Reporting
MAP Data
Dual Credit Enrollment and Grades



Thank you!

