

West Middle School Career Technical STEM Education!

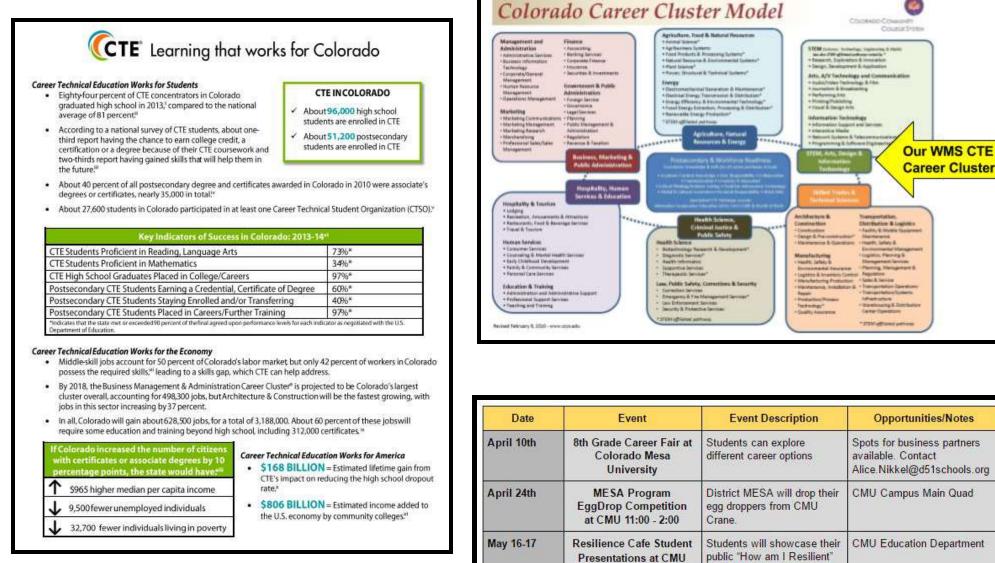
DID YOU KNOW? West Middle School has a Career Technical Education (CTE) program for students?

What is CTE? Here is who we are and what we do!

Career Technical Education (CTE) STEM provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation. <u>For more information</u>: <u>Colorado CTE Website</u>

<u>WMS School Mission:</u> Students have a strong understanding of how to problem-solve and apply their learning to practical applications. Students are involved in learning that is problem-based and involves the integration of all subjects.	Business partners at WMS STEM events Business partners at WMS STEM events Business Partner facilities Business Partner facilities
 WMS CTE STEM by the numbers - 2016/17: 1 Student Organization with 50+ students 4 Certified STEM CTE Educators* 5 CTE STEM Course offerings for students 5 Industry Partners 422 students participated in Hour of Code 92 students participated in STEM Day! 1 TackleSTEM Award Tour hosted by Denver Broncos 2 MESA Alums hired into professional STEM careers! 	 <u>To maintain our STEM CTE Middle School:</u> Continue to have certified STEM Educators Continue to have a variety of STEM course offerings Continue to have a CTE Industry Community Board Continue to support our CTSO (Student Organization) - MESA Continue to support students through elective and content offerings through Problem-Based Learning
Coming in 2017/2018 ★ National Geographic Training for GIS in the classroom ★ Hour of Code Training for teachers with classroom implementation ★ Increasing our partnerships to help support student Intern-for-a-Day opportunities. ★ School-wide MakerSPACE - Aviation Celebration Year!	<u>WMS CTE STEM TEAM</u> Vernon Walker, Monte Riggle*, Heidi Ragsdale*, Mike Gregorich*, Alice Nikkel*, Therese Moran, Trent Hollister (CSU Extension), Korey Moore (DT Swiss), Peter Icenogle (Blythe Group), Sandy Menke (WCCC), Join us in 2017/18!!!

State of CTE in Colorado



May 19

May 18-24

5-8pm

Weather/Climate

Invention Convention

Maker Faire

8th grade Guitar Project

Showcase

Students will showcase their

Students will be finishing up

their Technology Education

Guitar Electronics Project

weather/climate research

and air quality inventions.

Judges needed.

rg if available to help.

Heidi Ragsdale@d51schools.o

Stop by and Visit our classes

Contact

anytime!

For more information on CTE STEM at West Middle School, Please contact:

Heidi.Ragsdale@d51schools.org

Monte.Riggle@d51schools.org

Mike.Gregorich@d51schools.org

























