

The graphic features a dark green background with the text 'STEM IS CTE' in large, bold letters. 'STEM' is white, 'IS' is inside a red circle, and 'CTE' is yellow. Surrounding the text are various white-outlined icons: a comb, scissors, a beaker, a pear, a CD, a laptop, pencils, a molecular structure, chemical formulas ($C_2H_2 + 3O_2 \rightarrow 2CO_2$, $Al + H_2SO_4 \rightarrow$, $4PbO_2 + 2NaOH \rightarrow Na_2PbO_4 + 2H_2$, and a percentage calculation), gears, a wrench, a screwdriver, a power drill, and a calculator.

STEM IS CTE

There is no better STEM Laboratory
than a CTE Classroom!

Hands-on activities are key to increasing skill proficiency and achievement in science. CTE classrooms serve as learning laboratories and they impact technical, academic and employability skills to prepare students for college and careers.

2 Million students nationwide participate in career and technical student organizations (CTSOs). Students make use of their STEM skills to solve problems in their organization's competitions.

7.6
Million

In 2010, there were 7.6 million STEM workers in the United States, representing about 1 in 18 workers.*

26%

STEM workers command higher wages, earning 26 percent more than their non-STEM counterparts.*

17%

STEM occupations are projected to grow by 17 percent from 2008 to 2018, compared to 9.8 percent growth for non-STEM occupations.*

202,619

CTE professionals create learning environments that connect the core academics behind the theories of STEM to create engaging and real-world learning laboratories.

* Langdon et al., *STEM: Good Jobs Now and for the Future*, U.S. Department of Commerce Economics and Statistics Administration ESA Issue Brief #03-11, July 2011.