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.

References for this research can be found at [www.acteonline.org](http://www.acteonline.org) or by contacting cimperatore@acteonline.org. To learn more, visit [http://actete.ch/stemisc-te](http://actete.ch/stemisc-te).

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** STEM workers command higher wages, earning 26 percent more than their non-STEM counterparts.*
- **26%** CTE professionals create learning environments that connect the core academics behind the theories of STEM to create engaging and real-world learning laboratories.
- **17%** STEM occupations are projected to grow by 17 percent from 2008 to 2018, compared to 9.8 percent growth for non-STEM occupations.*
- In 2010, there were 7.6 million STEM workers in the United States, representing about 1 in 18 workers.*