

Why

**S T E M**

Matters | Facts and Stats

**Education**



**64%**  
of states

count computer science for high school graduation<sup>1</sup>



**15x**  
more

provisions for STEM in the new K-12 federal education law <sup>2</sup>



**27<sup>th</sup>** in math   **20<sup>th</sup>** in science

American students global ranking<sup>3</sup>



**100K in 10** new K-12 STEM teachers by 2021<sup>4</sup>

**7 Million children**

participate in afterschool STEM programs<sup>5</sup>



**Out-of-School**

**Jobs!**



**43%**  
higher

STEM job growth<sup>6</sup>



**11%**  
higher

salaries in STEM jobs<sup>6</sup>



**2.4**  
million

unfilled STEM jobs by 2018<sup>7</sup>

<sup>1</sup>code.org; <sup>2</sup>LRP Publications, <sup>3</sup>Program for International Student Assessment, <sup>4</sup>Committee on STEM Education – Obama Administration, <sup>5</sup>Afterschool Alliance, <sup>6</sup>STEM Education Coalition, <sup>7</sup>Addeco.



**Learning Resources**