

Why

S T E M

Matters | Facts and Stats

Education



64%
of states

count computer science for high school graduation¹



15x
more

provisions for STEM in the new K-12 federal education law ²



27th in math
20th in science

American students global ranking³



100K in 10 new K-12 STEM teachers by 2021⁴

7 Million children

participate in afterschool STEM programs⁵



Out-of-School

Jobs!



43%
higher

STEM job growth⁶



11%
higher

salaries in STEM jobs⁶



2.4
million

unfilled STEM jobs by 2018⁷

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



Learning Resources