

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



**School
Out-of**

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
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