

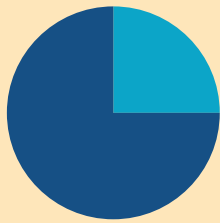
Afterschool Works! IN VERMONT

Jobs related to science, technology, engineering and math (STEM) are driving economic growth in Vermont.

Investing in afterschool and summer learning STEM programs will help prepare our kids for the jobs of tomorrow and connect them with opportunities that will encourage them to stay in Vermont, increase their earning potential and build a prosperous economy for all of us.



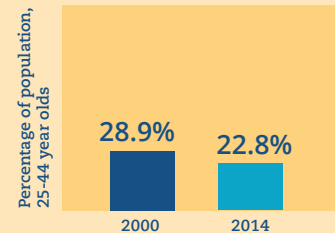
In Vermont, technology jobs are growing, but the workforce is retiring, forcing employers to import the talent they need.



STEM jobs comprise 25% of all employment in Vermont.



Technology jobs are the fastest growing jobs in Vermont—projected to grow 7.5% annually from 2014 to 2022.



Vermont's population of 25-44 year olds declined from 28.9% in 2000 to 22.8% in 2014 and young adults are leaving the state.

Afterschool and summer learning STEM programs can help bridge this gap.



Afterschool STEM programs spark interest by engaging students in hands-on experiences and help them build workforce skills such as critical thinking and collaboration.



Afterschool STEM programs boost students' proficiency in math and science, increase their likelihood of graduation and put them on the path to pursuing a career in the STEM fields.



75% of Vermont parents say afterschool should provide youth with opportunities to explore and engage in hands-on STEM learning.

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Afterschool and summer learning STEM is a smart investment in Vermont's economy and future generations.

Afterschool STEM helps students develop interest in high-demand career fields and gain skills that Vermont businesses value most—and see lacking in the current workforce.



A 2016 *survey of Vermont students across 13 afterschool STEM programs found that 80% or more reported significant gains in science interest, critical thinking or perseverance since the program began. Compared with the national sample, Vermont afterschool students in this survey had significantly higher ratings of science interest, especially among middle school students.

*According to data from Partnerships in Education and Resilience (PEAR)

Every \$1 invested in afterschool and summer learning programs saves \$2.18 by:



1

Increasing kids' earning potential

2

Improving kids' performance at school

3

Reducing crime and juvenile delinquency

**Afterschool Works in Vermont.
Invest in afterschool STEM.**

For more information visit:

<http://www.vermontafterschool.org/stem/>

Sources:

- <http://www.vtfuturesproject.org/>
- <http://www.vtlmi.info/vttechstudy2015.pdf>
- <http://www.vermonttechnologyalliance.org/page/techreport>
- http://afterschoolalliance.org/AA3PM/detail.html#s/VT/stem/p_of_children_in_programs_2014
- <http://www.vermontafterschool.org/stem/data/>
- <http://www.vermontafterschool.org/advocacy/know-the-facts/#ROI>
- <https://cew.georgetown.edu/cew-reports/stem/>
- <http://www.afterschoolalliance.org/stem-afterschool-outcomes.pdf>

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