

National PTA®

STEM
+FAMILIES



Research

Websites providing best practices, data, and lots more information to help you understand and advocate for more STEM programming

STEM the power of PTA

Our Children Article about STEM success

https://www.soinc.org/sites/default/files/uploaded_files/OC%20Magazine-STEM%20Article.pdf

STEM Occupations: Past, Present, Future

January 2017 U.S. Bureau of Statistics STEM Report

https://www.bls.gov/spotlight/2017/science-technology-engineering-and-mathematics-stem-occupations-past-present-and-future/pdf/science-technology-engineering-and-mathematics-stem-occupations-past-present-and-future.pdf?utm_source=SSTI+Weekly+Digest&utm_ca

Strategies for Parents to Support Daughters in STEM

Research paper on how parents can support daughters in STEM fields

https://www.unr.edu/Documents/education/math-camp/Parent_Strategies_PDF.pdf

Expanding Computing Education Pathways

Collection of research papers on the benefits of computer science education

<http://ecepalliance.org/publications>

STEM Education in K-12 Education

Research report from the National Academies of Sciences, Engineering and Medicines

<https://www.nap.edu/read/18612/chapter/1>

Technology, Jobs and the Future of Work

May 2017 Executive Briefing from the McKinsey Global Institute

<http://www.mckinsey.com/global-themes/employment-and-growth/technology-jobs-and-the-future-of-work?cid=other-eml-alt-mgi-mgi-oth-1705&hlkid=1fd3cd627b8d447d87a89470cff433f7&hctky=2623712&hdpid=a09516c8-7f82-472b-aaa9-320f2a194dd2>

Computer Science for All

Collection of research & reports on the benefits of computer science from the Obama White House

<https://obamawhitehouse.archives.gov/blog/2016/01/30/computer-science-all>

STEM Education Coalition

Membership Organization dedicated to legislative advocacy for STEM education

<http://www.stemedcoalition.org/>

Developing a STEM Empowered Program

Free online course to help develop facilitators of out-of-school STEM learning experiences

<http://ocw.umb.edu/early-education-development/developing-a-stem-empowered-program/syllabus.html>