

## STEM Evidence-Based Potential Provider List

The following is just a list of potential resources and examples and not a definitive list:

- [STEM -Works](#) a resource for teachers, mentors, parents, STEM professionals, volunteers, and everyone passionate about getting children eager to learn about science, technology, engineering, and math. ([STEM-Works](#)) [Change the Equation](#)
- The U.S. Department of Education issued non-regulatory guidance on [Using Evidence to Strengthen Education Investment](#) to help in school improvement planning.
- [An LEA Guide for Identifying Evidence-Based Interventions for School Improvement](#), developed by the Florida Center for Reading Research (FCRR)
- [Best Evidence Encyclopedia](#), developed by the Center for Data-Driven Reform in Education at Johns Hopkins University School of Education (not categorized in ESSA evidence tiers)
- [CCSSO](#) has a list of resources on ESSA evidence-based practices under the School Supports and Interventions section on its website, [CCSSO ESSA](#)
- [Results First Clearinghouse Database](#), developed by the Pew Charitable Trusts (not categorized in ESSA evidence tiers; evaluates interventions as rated by eight national databases)\
- The [What Works Clearinghouse](#), developed by the Institute of Education Sciences (IES), is a user-friendly database organized by topic and content area to locate studies on specific intervention types to meet ESSA standards. Buck Institute – High Quality PD for teachers/principals/districts on project based learning - [BIE](#)
- IQWST – Science based project based learning - [Activate Learning](#)
- **STEM Ecosystems** - STEM communities of practice - [STEM Ecosystems](#)
- [Buck Institute](#) - For teachers, BIE offers professional development on how to design, assess, and manage projects that engage and motivate students. For schools, BIE helps bring coherence to PBL practices across grade levels and subject areas, and supports the creation of school-wide processes and structures to support PBL. For districts, BIE offers unrivaled service and expertise in creating and sustaining district-wide PBL initiatives.

- **Research + Practice Collaboratory** - The Research + Practice Collaboratory brings educators and researchers together to develop more equitable innovations for STEM teaching and learning. The Research + Practice Collaboratory is experimenting with ways to support mutual cultural exchange between these communities, in order to produce new insights and strategies for tackling pressing problems in STEM education.

The following are potential partners and contact info for districts if interested:

- Summit Learning - [Summit Learning](#) For information contact Tyler Sussman ([tsussman@summitps.org](mailto:tsussman@summitps.org)) or Amy Sandoz ([asandoz@summitps.org](mailto:asandoz@summitps.org))
- New Classrooms/Teach To One Math – [New Classrooms](#) For information contact Edward Huang ([ehuang@newclassrooms.org](mailto:ehuang@newclassrooms.org))
- Project Lead the Way - [Project Lead the Way](#) For information contact [solutioncenter@pltw.org](mailto:solutioncenter@pltw.org)
- College Board – [College Board](#) For more information contact Jeff Carlson ([jcarlson@collegeboard.org](mailto:jcarlson@collegeboard.org)) or Nancy Potter ([npotter@collegeboard.org](mailto:npotter@collegeboard.org))
- **STEM Ecosystems** - STEM Learning Ecosystems provide the architecture for cross-sector learning, offering all young people access to STEM-rich learning environments so they can develop important skills and engagement in science, technology, engineering and math throughout preK-16. Strong STEM Learning Ecosystems feature dynamic collaborations among schools, out-of-school time programs, STEM expert institutions (such as museums, science centers, and institutions of higher education and STEM professional associations), the private sector, community-based organizations, youth and families.
  - **Contact**
    - Larry Plank - Director of K-12 STEM Education
    - Hillsborough County Public Schools
    - Email - [larry.plank@sdhc.k12.fl.us](mailto:larry.plank@sdhc.k12.fl.us)
- **STEMX** - The STEMx™ network is a multi-state STEM network developed for states, by states. This grassroots movement provides an accessible platform to share, analyze and disseminate quality STEM education tools to transform education, expand the number of STEM teachers, increase student achievement in STEM and grow tomorrow's innovators. The network is composed of 21 state STEM networks.
  - **Contact**
    - Michael Feder – Director STEMx™
    - Email - [federm@batelle.org](mailto:federm@batelle.org)