

CHANGING THE GAME IN STEM WITH FAMILY ENGAGEMENT: A WHITE PAPER FOR PRACTITIONERS AND FIELD LEADERS TO EMPOWER FAMILIES IN STEM BY STEM NEXT OPPORTUNITY FUND.

As part of STEM Next Opportunity Fund's Family Engagement Project, this white paper was released to support leaders in the field to best connect with families. The paper reviews promising STEM opportunities for children and their families, in addition to offering recommendations to make such opportunities more inclusive.

The paper offers evidence of family engagement efforts that make an impact on learning outcomes for students, including:

- Encouragement for students to pursue computer science;
- Math practice in the home, especially starting at an early age; and
- Family access to fun, community events that expose everyone to STEM.

STEM Next offers readers five practices that field leaders can implement to best support families encourage their children's participation in STEM. These include:

1. Listen, learn, and build relationships with families;
2. Empower parents with research and resources;
3. Prioritize access and inclusion;
4. Provide professional development for impactful family engagement; and
5. Evaluate impact.

The paper offers multiple examples of each of the five promising practices in the field. The diversity of examples gives all practitioners ideas to implement, without being overly prescriptive, with STEM Next recognizing that there is not a one-size-fits-all solution for any organization or community.

An executive summary of the paper can be found here:

<https://43ot971vwwe7okplr1iw2ql1-wpengine.netdna-ssl.com/wp-content/uploads/2019/08/Executive-Summary-Changing-the-Game-in-STEM.pdf>

STEM Next Opportunity Fund. "Changing the Game in STEM with Family Engagement: A White Paper for Practitioners and Field Leaders to Empower Families in STEM." April 2019.

http://43ot971vwwe7okplr1iw2ql1-wpengine.netdna-ssl.com/wp-content/uploads/2019/10/Changing-the-Game-in-STEM-with-Family-Engagement_Final_.pdf >



Thanks to generous support from the Carnegie Corporation of New York, *Our Neighborhood*, is a compilation of stories and research from the family engagement field. It is intended to be a living repository and guide for STEM Learning Ecosystems and other communities interested in cultivating strong community partnerships to prepare the next generation.

This annotated bibliography was compiled by TIES for *Our Neighborhood*.