

Five Resources for Family Engagement: Engaging Families in STEM

Engaging families to support student learning is an important role for 21st Century Community Learning Centers (21st CCLC). Programs can support families to get their children excited about science, technology, engineering and math. These five free resources will provide you with tools to connect families with STEM.

1. **Figure This!** This website provides engaging math challenges that middle-school students can do at home with their families. The Family Corner offers on-line and PDF resources (available in English and Spanish) which include samples and suggestions about how to support students. http://figurethis.nctm.org/fc/family_corner.htm
2. **Lawrence Hall of Science** is UC Berkeley's public science center. They provide parents, students, and educators with opportunities to engage with science. They help families support their child's science and math education by sharing what they know about learning, achievement, and test scores, and providing plenty of enrichment opportunities and activities. They also have a section on "Science-Out-of-School." http://www.lawrencehallofscience.org/get_involved/resources_for_families
3. **The Curiosity Machine** is a learning community that connects scientists and engineers with children. It hosts challenges and in each challenge children progress through the engineers and scientists design process. Scientists, engineers, and students creating together! <https://www.curiositymachine.org>
4. **ITEST Webinar: Research and Strategies for Engaging African American and Latino Families in Informal STEM Education** In this webinar, presenters shared strategies to meaningfully engage African American and Latino families in STEM activities in informal learning environments to promote student learning, and show strategies for measuring family engagement. The below link has a link to the webinar and to a PDF of the slides used during the webinar. <http://stelar.edc.org/events/itest-webinar-research-and-strategies-engaging-african-american-and-latino-families-informal>
5. **SciGirls** is a website for focused on girls exploring science and engineering topics through videos and games. <http://pbskids.org/scigirls/>