

From the Field: Resources on STEM in Out-of-School Time
These selected articles and reports offer resources to increase the quality of STEM in out-of-school settings.

Afterschool Science Programs

- [Vital Signs: Lost Opportunity](#) – Change the Equation, 2012
- [Science After School: How to Design and Run Great Program Activities](#) – TASC, 2010
- [Frontiers in Urban Science Education Resource Guide: Strategies to advance informal science education in after-school](#) – Jessica Donner and Emily Morgan, The Collaborative for Building After-School Systems and The After-School Corporation. Supported by the Noyce Foundation, 2010.
- [Making Science Cool](#) – Videos from TASC

Effectiveness of Science Afterschool

- [STEM Learning in Afterschool: An Analysis of Impact and Outcomes](#) – Afterschool Alliance, 2011
- [Afterschool: A Vital Partner in STEM Education](#) – Afterschool Alliance, 2011

Equity

- [STEM Out-of-School Time Programs for Girls Research Update](#) – K. Chun and E. Harris, Harvard Family Research Project. Supported by the Charles Steward Mott Foundation, 2011.
- [Great Science for Girls: Gender-Equitable STEM & Afterschool Programs](#) – Cheri Fancsali, Merle Froschl, 99-105, 2006

Informal Science Education

- [Learning Science in Informal Environments: People, Places, and Pursuits](#) –P. Bell, B. Lewenstein, A.W. Shouse, M.A. Feder (Eds.), 2009
- [Framework for Evaluating Impacts of Informal Science Education Projects](#) – S. Allen et al., 2008