



Vermont Afterschool

Noyce Foundation STEM System Building Grant: FY 2017 STEM Opportunities for Afterschool Programs

We are excited to announce several Noyce Foundation funded STEM opportunities for coaching/mentoring, curriculum, leadership, training, and quality improvement. Please reference Vermont Afterschool's **Definitions to Planning Quality STEM Programs** <http://bit.ly/2eGxLTu> and identify your program site's **STEM Level** before you apply. Feel free to contact Tracy Truzansky (tracytruzansky@vermontafterschool.org) with questions.

STEM ENGINEERING ADVENTURES PROJECT

Engineering Adventures Project – STEM Level: **FOUNDATIONAL**

Introduce the internationally recognized Engineering is Elementary© afterschool [Engineering Adventures](#) to youth in grades 3-5! Free training and materials kit. Project Expectations link is here:

<http://www.vermontafterschool.org/stem/noyce-grant/>

Application Link: <https://www.surveymonkey.com/r/DHBVWP9>

Application Deadline: **November 18, 2016**

FY17 STEM OPPORTUNITIES

Submit an online application to indicate which opportunities (listed below) interest you.

Application Link: <https://www.surveymonkey.com/r/T7CNZQW>

Application Deadline: **November 18, 2016**

Free STEM Training – STEM Level: **ALL**

In response to the *2016 Afterschool STEM Survey* opportunities for [STEM trainings](#) have expanded and organized into STEM Levels. Vermont Afterschool will select 12 programs to receive one **FREE 2 HR** STEM training to support our pilot process. Select up to three training preferences. If selected, we will contact you to secure a date.

Free STEM Mentoring – STEM Level: **EXPLORATORY**

New to afterschool STEM programming? Have staff with less confidence to lead STEM experiences? Two hours of free coaching is available to support 16 Site Directors with a goal to initiate or increase the quality of STEM programs at their site. Choose from 1:1 coaching or onsite STEM mini-training during a staff meeting.

Dimensions of Success (DoS) External Assessment – STEM Level: **FOUNDATIONAL** and **IMPROVEMENT**

[PEAR](#) is a national STEM afterschool research center that gathers data on STEM instructional practices specific to afterschool. [Dimensions of Success](#) is an external assessment process that can help your program improve instruction, build staff confidence, and shift your program's STEM culture. DoS is available free to 16 programs

sites statewide. Two observations, two feedback/coaching sessions, and access to comparative data through trained DoS External Assessors.

STEM Common Instrument Webinar – STEM Level: **ALL**

January 11, 2017 at 11:30am to be trained to implement [PEAR's Common Instrument](#). Three unique retroactive surveys collect data on youth experiences in afterschool tinkering, engineering or science measuring youth excitement/interest as well as 21st Century skills including collaboration, teamwork, perseverance and critical thinking.

STEM Leadership Summit – STEM Level: **FOUNDATIONAL** and **IMPROVEMENT**

Program and Site Directors are invited to attend a STEM Leadership Summit in spring 2017 (date TBD) to explore STEM issues such as quality improvement and coaching/training, equity and access, STEM identity, linking to Personalized Learning Plans, evidence-based/national curriculum, funding, and partnerships.

STEM Advocacy – STEM Level: **ALL**

Vermont Afterschool's Zap the Gap! Campaign has the ball in motion to support equity and access in afterschool and summer learning across Vermont. A new **Advancing Afterschool STEM Policy** grant from the Afterschool Alliance and the Overdeck Family Foundation will add momentum by lifting up quality STEM programs as an important and powerful way to engage youth while addressing the very real workforce development challenges in our state. You can help by:

- Implementing the Common Instrument for each STEM experience
- Engaging in the DoS External Assessment and gathering stories of staff confidence building
- Writing an Op Ed or Letter to the Editor about positive STEM experiences happening in your program
- Participating in the STEM at the Statehouse event on March 16, 2017
- Attending the Afterschool STEM Leadership Summit in April, 2017
- Showcasing STEM at your Lights On event
- Telling your representatives, school board, and local policy leaders about the impact of STEM learning at your program site



For more information, contact Tracy Truzansky at tracytruzansky@vermontafterschool.org | 802-448-3464

