

Million Girls Moonshot Year 4

September 2023 - August 2024

Advancing Learning Beyond the School Day



INDIANA
Afterschool
NETWORK

Regional Leadership Project

Building a strong Out of School Time (OST)
STEM network across Indiana

Project Outline

- What is the Million Girls Moonshot?
- What is the Regional Leadership Project?
- What are the benefits to becoming a Regional leader?
- What are the responsibilities of a Regional Leader?
- When will different activities take place?
- How can my organization become a Regional Leader?



MILLION GIRLS MOONSHOT

REIMAGINE

An Initiative of the STEM Next Opportunity Fund

Launched in 2020, the Million Girls Moonshot is a national initiative to **develop an engineering mindset in one million more girls** through afterschool and summer learning by 2025.



MILLION GIRLS MOONSHOT

Million Girls Moonshot **leverages the 50 State Afterschool Network** to effectively and efficiently reach more girls.

It also shines a **national spotlight on girls in STEM, changing narratives** about who can be an engineer, a builder, an inventor, a leader.



MILLION GIRLS MOONSHOT



Women remain significantly underrepresented in high-quality, highly paid STEM positions. They make up half the U.S. college educated workforce, but only **29%** of the science and engineering workforce.

And of women STEM professionals, only **15%** are in engineering – even less for women of color, with only **2%** Latinx and **3%** African American.



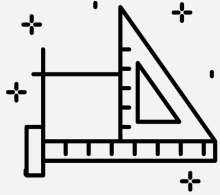
STEM activities in afterschool and summer programs help kids **build identity as an engineer** and helps them stay engaged in further STEM learning.

Kids spend the majority of their time - **80%**
- learning **in afterschool and summer settings.**

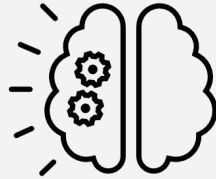
This is where we can **reach more girls with STEM experiences** nurturing interest, building skills, and changing narratives.



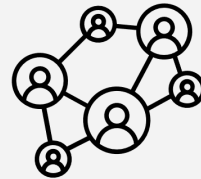
Removing Barriers to STEAM Learning



Applying an Equity & Inclusion Framework



Fostering an Engineering Mindset

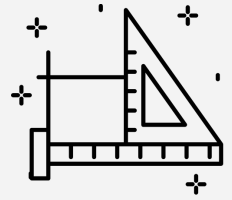


Engaging Role Models, Mentors & Families

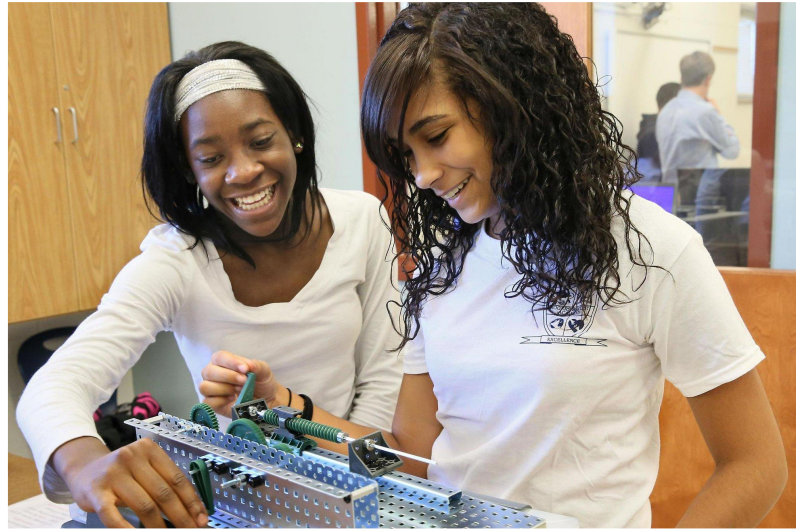


Connecting STEAM Transitions & Pathways

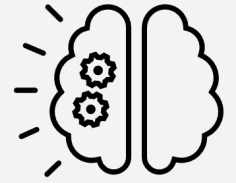
Equity & Inclusion Framework



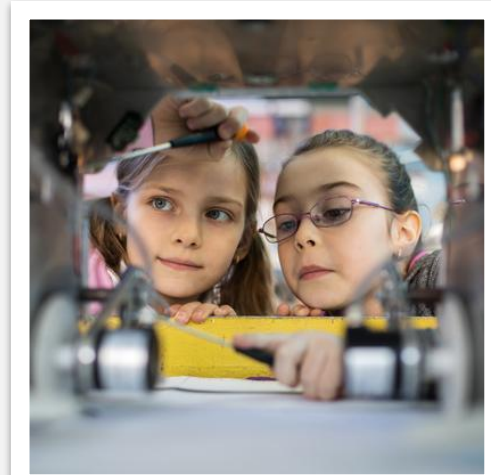
**Empowering
STEAM programs
to reach & serve
more girls and
underrepresented
groups, more
effectively.**



Fostering An Engineering Mindset



**Hands-on
learning enables
girls to build the
skills for success
in school, work &
life.**



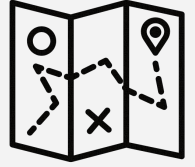
Role Models, Mentors & Families



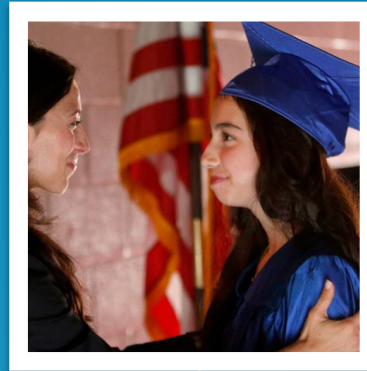
**Building strong
community & family
support systems that
keep girls engaged &
excited about
pursuing STEAM
careers.**



STEAM Transitions & Pathways



Connecting learning across ages and settings, ensuring girls stay on course for the STEAM careers of their dreams.



Million Girls Moonshot Resources



MILLION GIRLS MOONSHOT

Monthly Resources Released through
all 50 State Afterschool Networks

- Vetted **Activities & Lessons** Plans
- **Professional Development & Training**
- Monthly **webinars**
- **Special events** with Moonshot Partners
- **Tools & Booster Packs** from Moonshot Partners

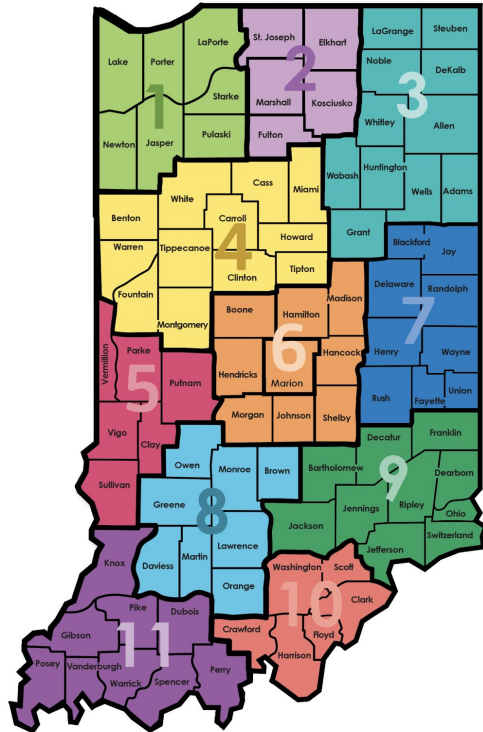


Regional Leadership Overview



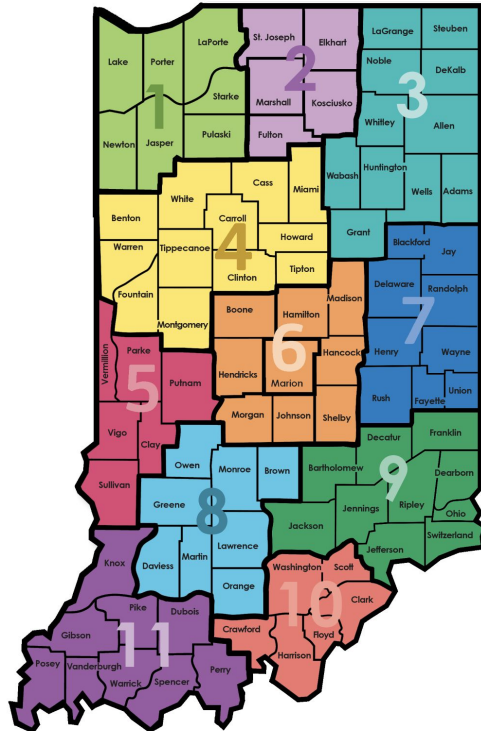
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Regional Leadership Project Vision



1. Develop a network of Out-of-School Time (OST) programs that share a common framework for high quality STEM programming.
2. Increase access to high quality STEM programming for youth across Indiana.
3. Support the growth of regional networks with resources and professional development opportunities
4. Start with 6 Indiana regions this year, with one leader organization selected for each of 6 regions

Regional Leadership Project Vision



1. One Leader program per region will be selected for 6 of the Indiana regions indicated on the map.
2. If you are interested in becoming a Regional Leader, consider the opportunity shared in the rest of the presentation.
3. *If you are interested in joining your regional network as a participant or mentee, please indicate your interest and you will be matched with a Regional Leader. The regional networks are open to all Out-of-School Time programs that are interested in beginning, strengthening, or deepening STEM practices.

Benefits of Regional Leadership

- STIPEND to cover staff time and coverage, travel (\$750 per quarter, total of \$3000 with potential bonuses)
- FREE membership in the Academy for 1 year (\$100 value)
- Regional leadership, influence & recognition
- First to know about Million Girls Moonshot opportunities
- Program growth and community impact
- Professional Development Certificates
- FREE access to PEAR data tools to measure program impact through Million Girls Moonshot partnership
- Networking with peers and potential partners
- Two leadership program coordinators will be invited to attend the national Girls Build Solutions in San Diego in June 2024, sponsored by STEM Next. (ALL EXPENSES PAID \$1500 value)
- FREE registration to the Indiana Summit on Out-of-School Learning (\$200 value)
- Regional project support up to \$500

Responsibilities of Regional Leadership

- Represent quality OST STEM in Indiana
- Assist in developing regional OST networks as a leader and mentor with STEM expertise
- Develop partnerships with regional STEM related organizations
- Mentor regional OST programs that want to begin, grow, or deepen STEM practices
- Use INQPSA and Common Impact Suite tools to support programming and show impact
- Promote IAN and MGM resources within the region
- Attend cohort events in October and July (lunch provided)
- Attend training on PEAR Common Impact Suite tools
- Attend and participate in virtual Community of Practice meetings
- Participate in monthly community discussion board
- Attend the Indiana Summit on Out-of-School Learning and participate in STEM track sessions
- Keep track of activities in a provided Activity Tracker

Project Timeline



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Timeline - First Quarter

October

- Regional Leadership Programs selected
- Project Launch Workshop
- First Discussion Board - Introductions

November

- Community of Practice - Equity
- Meet with Regional Network participants and Mentee(s) individually or in a group
- Work on INQPSA
- Discussion Board aligned with Community of Practice

December

- Community of Practice - Family Engagement
- Discussion Board aligned with Community of Practice
- Activity Tracker for First Quarter Stipend

Timeline - Second Quarter

January

- Regional Project applications open
- PEAR training on Common Instrument Suite tools
- Develop SMART goal based on INQPSA and Transformative Practices
- Discussion Board - Measuring impact

February

- Community of Practice - Engineering Mindset
- Regional Project applications due and awarded
- Support the development of SMART goals with Regional Network participants/Mentee(s)
- Discussion Board aligned with Community of Practice

March

- Community of Practice - Role Models and Mentors
- Discussion Board aligned with Community of Practice
- Activity Tracker for Second Quarter Stipend

Timeline - Third Quarter

April

- Indiana Summit on Out-of-School Learning
- Discussion Board - STEM Pathways and Transitions

May

- Community of Practice - Summer STEM
- Revisit INQPSA to measure growth
- PEAR CIS impact data collected
- Discussion Board aligned with Community of Practice

June

- Community of Practice - Sharing Impact
- GIRLS BUILD event in San Diego
- Discussion Board aligned with Community of Practice
- Activity Tracker for Third Quarter Stipend

Timeline - Fourth Quarter

July

- Celebration of OST STEM in Indiana
- Regional Impact sharing events
- Discussion Board - Sharing Your Story

August

- Community of Practice - Reflection on the Moonshot project and vision for the next year
- Discussion Board aligned with Community of Practice
- Activity Tracker for Fourth Quarter Stipend

Becoming a Regional Leader



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Characteristics of a Regional Leader

- Established high quality STEM program
- Partnering with 2 or more local organizations
- Engaged youth
- Committed to growing STEM opportunities in the community
- Willing to collect and share data
- Willing to share experiences and support with other out-of-school time organizations

Next Steps

1. Download the Application Packet - timeline, MOU, and application questions.
2. Complete and return the Application Packet to agerig@indianaafterschool.org by October 6.
3. Leadership Program Partners will be announced by October 12.
4. Please reach out to agerig@indianaafterschool.org with any questions.

*If you are interested in joining your regional network as a participant or mentee, please indicate your interest and you will be matched with a Regional Leader. The regional networks are open to all Out-of-School Time programs that are interested in beginning, strengthening, or deepening STEM practices.



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