



Become a Carnegie STEM Excellence Pathway Provider

Take advantage of this high-impact program to *engage and strengthen partnerships* with schools in your area.

Receive *ready-to-go training and tools* for your organization to provide *revenue-generating* STEM professional development workshops and support to your partner schools.

Establish your organization as a *STEM hub in your region* and join a *network of educational leaders* across the country.

Carnegie STEM Excellence Pathway is an award-winning online tool.

The Carnegie STEM Excellence Pathway was developed as a strategic-planning framework for schools and districts to improve their approach to STEM education in ways that are tailored to their individual programmatic needs. The Pathway is facilitated through a multiple workshop model — delivered by **Pathway Providers** — that guides schools through a research-based, field-proven planning process to improve their STEM education practices.



mySTEMpathway.org

Who are Pathway Providers?

At Carnegie Science Center, we define STEM education as an integrated, interdisciplinary approach to student-centered learning that encourages *creativity, collaboration, problem solving, and critical thinking.*

Pathway Providers are trained members of educational organizations that offer Pathway professional development workshops to schools and school systems to expand their offerings in STEM education.

Museums, universities, nonprofit organizations, and educational service agencies have all joined our network of Pathway Providers.

Pathway Providers attend Carnegie Science Center's Pathway Provider Training Institute and leave with all the materials, tools, and resources they need to deliver three Carnegie STEM Excellence Pathway workshops.

Existing Pathway Providers can attend Tier 2 Provider Training and expand their professional development offerings to better serve their partner schools and educational organizations.

Tier 2 Providers gain access to high-quality implementation strategies and training materials to deliver three engaging STEM workshops that seamlessly integrate into the fabric of the Carnegie STEM Excellence Pathway (see back cover).



Testimonials from Pathway Providers and Workshop Participants

"Carnegie STEM Excellence Pathway has been extremely beneficial in providing educators and teams professional training, implementation support, resources, peer-to-peer networking, coaching, and collaborative partnerships to help them meet their STEM education goals."

– Kathy Bihr, EdD
Vice President, Programs & Education, TGR Foundation



"It was helpful to wrestle with what STEM is and is not. It opened my eyes to where we should be headed as a district."

– Pathway Workshop Participant

"Having the planning time to discuss future implementations to our school-specific program while operating with the Pathway goals in mind has been a huge source of motivation for us."

– Pathway Workshop Participant

Why Become a Pathway Provider?

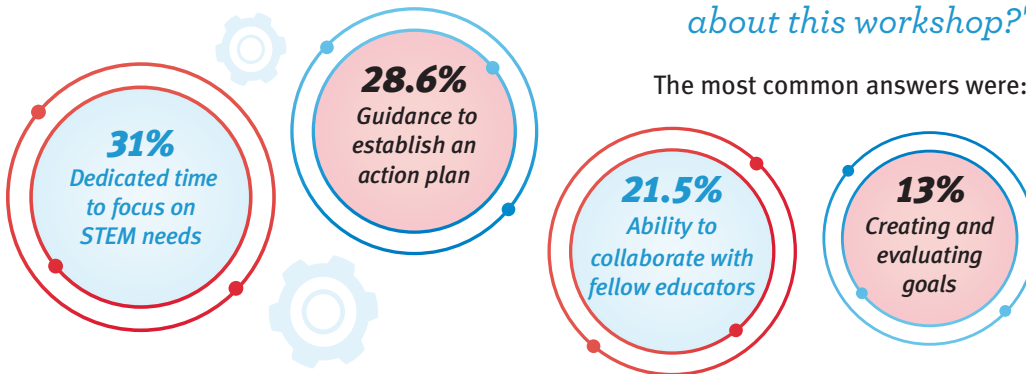
Join a network of more than 100 trained Pathway Providers in 12 states serving over 700 partner schools!

Nearly 4,500 educators have attended workshops facilitated by Pathway Providers.

As an organization committed to STEM education, your partner schools look to you when searching for resources to improve their STEM strategies. As a Pathway Provider, you will receive everything you need to support, coach, and guide schools as they implement the Carnegie STEM Excellence Pathway process.

A survey of 800+ participants asked, *"What did you find most useful about this workshop?"*

The most common answers were:



How to Become a Pathway Provider

1. Go to mySTEMpathway.org or contact Carnegie Science Center to learn more about the Pathway through videos and testimonials.

2. Attend Carnegie Science Center's Pathway Provider Training Institute.

See right for information.

3. Once trained, you will be granted access to the resources and data needed to immediately begin facilitating Pathway workshops to schools in your region.

Marketing materials and communication documents are available to help you get started supporting schools and facilitating workshops quickly.

Knowledgeable tech support is available to manage the online data component.

Sign up for the Pathway Provider Training Institute!

This two-day training is offered throughout the year at Carnegie Science Center in Pittsburgh, Pennsylvania. Training is also available on demand at times and locations that suit your needs.

Cost: There are discounts for additional registrants from the same organization. The cost is broken down as follows:

1 – \$2,500 • 2 – \$4,000 • 3 – \$5,500 • 4 – \$7,000

Workshop descriptions and 2020–21 dates are listed on the next page. For more information, visit CarnegieScienceCenter.org/Pathway

Tier 1: Provider Workshops

As part of your training, you will receive all the materials necessary to offer the following three workshops to Pathway Partner schools in your region:

Emerging Workshop:

Create a common understanding of high quality STEM education with your partner schools that will allow them to assess their current conditions through self-evaluation, identify key areas for improvement, and develop an action plan using the Pathway tool.

Progressing Workshop:

Review the action-plan goals of partner schools and facilitate the sharing of best practices through collaboration and methods of identifying further resources.

Advancing Workshop:

Reflect on the implementation of action plans and encourage partner schools to share experiences on achieving goals. Optional: Facilitate the re-evaluation process for partner schools to track progress and continue STEM education improvement.

Upcoming Sessions:

Mon.–Tues.,
Aug. 24–25, 2020

Mon.–Tues.,
Oct. 5–6, 2020

Mon.–Tues.,
Jan. 11–12, 2021

Mon.–Tues.,
March 15–16, 2021

Tier 2: Provider Workshops

Become a Tier 2 Provider and expand your professional development offerings with three additional engaging STEM workshops:



Project-Based Learning Workshop:

Guide teachers as they use their expertise to develop STEM projects that address real-world problems and require students to be engaged.

Integrating Curriculum Workshop:

Explore approaches to subject integration and facilitate the design of integrated lessons for teachers to use upon leaving the workshop.

Intro to STEM Making Workshop:

Discover authentic making experiences for all learners that integrate STEM competencies with digital fabrication techniques.

Upcoming Sessions:

Wed.–Thurs.,
Aug. 26–27, 2020

Wed.–Thurs.,
Oct. 7–8, 2020

Wed.–Thurs.,
Jan. 13–14, 2021

Wed.–Thurs.,
March 17–18, 2021

Please note that trainings are subject to change to a virtual format due to COVID-19 safety measures.



Learn More:

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CarnegieScienceCenter.org/Pathway

