State of New Jersey
Office of the Secretary of Higher Education

STEM ecosystems
Cultivate. Learn. Innovate.

New Jersey STEM Pathways Network: Community STEM Ecosystem Development Application

Applicant Summary

Please provide the following information:
- Proposed or existing STEM Learning Ecosystem Name
- Brief description (200 word maximum)
- Name of the city, county, region or state as defined in the application
- Lead applicant agency/organization name, street address (and/or mailing address, if different); phone, website.
- Lead contact person name, title, phone number, and e-mail address
- Tax ID or unique identification number of applicant

Proposed or existing STEM Learning Ecosystem Name

Brief description (200 word maximum)

Name of the city, county, region or state as defined in the application

Lead contact person name, title, phone number, and email address

Contact name

Title

Phone Number

Email Address

Tax ID or Unique Identifier

Describe your community. (750 word maximum)

- Youth (0-24) population size and demographics, including but not limited to: race, ethnicity, socio-economic status, education indicators, etc.

Describe your STEM Learning Ecosystem. (750 word maximum)

- Describe key components, including but not limited to diverse stakeholders representing a variety of settings; current collaborative programs; shared vision and/or goals; design principles.
- Identify key leaders, including but not limited to their individual and organizational capacity to design and cultivate STEM Learning Ecosystems.
- Identify content experts, including but not limited to STEM content expertise for professional learning and development and partners with cross-sector collaboration expertise.

Assess your Strengths and Opportunities for Growth. (750 word maximum)

- Describe three strengths of your STEM Learning Ecosystem.
- Define your Ecosystem's capability for sustainability.
- Describe three areas of growth needed in your STEM Learning Ecosystem. Please include those attributes you rate as needing improvement for your ecosystem.
- Discuss challenges you currently face or anticipate having to address in the design and cultivation of your STEM Learning Ecosystem.
- Clearly define your goals and outcomes for local as well as statewide participation.

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Self-Assessment

Please complete the self-assessment questions included in the application. For each question, choose the answer that most accurately represents your STEM Ecosystem and give an explanation of your reasoning in the space provided. https://www.surveymonkey.com/r/6Z5RCGR

The self-assessment is intended to be completed by various members of your community/ecosystem.

At least four community members must complete the self-assessment in order to fulfill this portion of the application.

You may send this link out to others separately. Please be sure to finish the remainder of the application.

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Partners

Collaboration across sectors and among different groups within your communities will be a key component of this project. Complete the Key Leadership/Partner Form including name, title, organization, and email plus their contribution to your STEM Learning Ecosystem for at least four of the following:

- Formal PreK-12 Learning: schools and school systems;
- Out-of-School Learning: out-of-school time and/or summer learning provided by schools or community-based organizations where available, out-of-school focused intermediary organizations;
- STEM-expert organizations such as science centers, museums, corporations, non-profit organizations or professional associations;
- Business and industry;
- Post-secondary STEM and higher education;
- Local or regional public or private funders; or
- Parent organizations or organizations serving families.

Partner 1

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 2

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 3

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 4

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 5

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 6

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 7

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

Partner 8

Name

Title

Organization

Email

Contribution to STEM
Learning Ecosystem

If you have additional partners, you may list them below.

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Letters of Support

Upload at least three letters of support from these partners through the online application. Letters of support should:

- Confirm the length and nature of your relationship with the organization, etc.;
- Provide context for the relationship; and
- Describe why your organization is positioned to lead this work.

Submissions that demonstrate support from different sectors and stakeholders within your STEM Learning Ecosystem will be viewed favorably.

Please label the filename of each letter with the name of your ecosystem at the beginning of the filename.
Note: This section will open a new window. Please be sure to come back to this survey to complete the application.

Letters of Support

Please upload at least three letters of support.

Attach a File

[Choose File] No file selected

Attach a File

[Choose File] No file selected

Attach a File

[Choose File] No file selected

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Sustainability

Sustainability and planning will be critical to the cultivation of your STEM Learning Ecosystem. Describe your plan to sustain your STEM Learning Ecosystem beyond the technical assistance period. How will your Ecosystem maintain a relationship with New Jersey's statewide STEM effort? How might your indicated partner organizations contribute to your Ecosystem's sustainability? Do you see partnership potential with other organizations across the state beyond your immediate Ecosystem?

Describe your sustainability plan. (500 word maximum)