Carnegie STEM Excellence Pathway is designed to help the widest possible range of school districts and schools adopt best practices in STEM education through a positive, collaborative approach. The Pathway is available through STEMisphere®, created by Carnegie Science Center as a community service to provide a portal to educational STEM resources for students in pre-K through 12th grade. Visit MySTEMPathway.org to learn more.

Testimonial
“Our district is extremely happy with the services we have received... We now have a “Plan of Action” to incorporate STEM instructional concepts in ALL of our content areas in ALL grade levels... and it all began with the completion of the STEM Excellence Pathway Rubric.”
— Georgia Tepper Ed.D., Assistant to the Superintendent, Greater Latrobe School District

INFORMATION
• Pathway Partner schools
• Pathway Providers
• IMLS Consortium members (5)

AUDIENCE
• Schools: Teachers and administrators
• Science Centers and other STEM Intermediaries

PROJECT GOALS
• Provide STEM strategic planning process and tools
• Advance science centers as STEM conveners and partners in education
• Create sustainable and revenue generating programs for science centers

CHALLENGES
• Capacity: Staffing needed and staff turnover
• Communication: Internal (staff, boards) and external (schools, funders)
• Growing Pains: More demand than capacity
• Negotiating Connections: Linking with other local/regional/national STEM initiatives (ex. STEM Ecosystems)
• Intellectual property/use guidelines: Trademarking while allowing for open access

EVALUATION STRATEGY
• Online data from Pathway Partner schools in the system
• Third party independent evaluator (Open Minds) with surveys, focus groups, one on one interviews
• Formative feedback sessions through quarterly webinars