Chicago STEM Learning Ecosystem Key Priorities

1. **Communication** - Develop a structured process to effectively and regularly communicate objectives, goals and progress of Chicago STEM Pathways Cooperative with appropriate audiences.
   - Define citywide agenda
   - Identify an online portal (calendar, Google Group, Linked In) that can share, collect and provide information.
   - Create structure for ongoing meetings, working groups and advisory functions
   - Create necessary collateral; fact sheets, power point deck, talking points.
   - Regularly scheduled E-newsletters and email updates.
   - Identify cross-sector “ambassadors” that can effectively communicate initiative

2. **Outreach** – Engage key stakeholders to ensure cross-sector participation is broad and includes local community voice.
   - Identify citywide organizations that are connected to local community stakeholders
   - Define existing structures to engage key stakeholders
   - Identify partners to engage youth voice

3. **Advisory Council** - Engage key leaders to provide strategic direction, guidance and access for effective cross-sector engagement.
   - Develop requirements
   - Identify membership

4. **Professional Development** – Develop strategy to inform, equip and prepare all educators to lead highly effective and engaging STEM opportunities.
   - Assess current professional development opportunities
   - Target needed supports in Demonstration Communities
   - Identify effective method to incorporate the Dimensions of Success (DoS)
   - Determine what other learning opportunities are needed.

5. **Evaluation and Common Metrics** – Building a common outcome framework to measure success for student engagement, progression and skill development.
   - Develop a common understanding of evaluation priorities, needs and desired impact
   - Identify shared measurement
   - Identify common metrics
   - Identify effective method to incorporate the Dimensions of Success (DoS)
   - Refine logic model
   - Ecosystem evaluation

6. **Landscape Survey Refresh** – Re-administer the 2012 Landscape survey to provide a comparative analysis of state of STEM from 2012 to present, as well as identify additional data to collect.
   - Identify additional data points
   - Review data collected summer of 2015 for SFN RFQ
   - Review survey produced by SFN
   - Update the 2012 Landscape survey
   - Administer 2016 landscape survey

7. **STEM Pathways Demonstration Communities** - Develop a strategy with Chicago Public Schools, Community Schools, local and key stakeholders to create a framework around competency-based learning and progression to demonstrate skill acquisition during OST to count towards school day.
   **NOTE:** This particular priority needs an individual plan for each community.