STEM Network Schools Timeline

Assessment & Training (Sept-Oct 2015)

- ✓ Identify STEM Leadership Team members
- ✓ Identify and enroll STEM Coordinator VISTA candidate
- ✓ Conduct self-assessment using Carnegie STEM Pathway to identify strengths and challenges
- ✓ Engage school personnel (teachers, administrators, county leadership) in self-assessment process
- ✓ Start developing STEM-related school based partnerships
    - o Contact business partners regarding potential involvement
    - o Engage community leaders and seek input
    - o Contact higher education partners regarding resources and support
- ✓ Participate in Network professional development
- ✓ Attend site visit of successful out-of-state STEM School

STEM Plan Development (Nov-Dec 2015)

- ✓ Debrief out-of-state STEM school visit with Leadership Team and other school staff
- ✓ Provide orientation for STEM Coordinator VISTA
- ✓ Research other STEM school models and offerings
- ✓ Research STEM professional development providers
- ✓ Research methods of implementing program with equity
- ✓ Research hands-on and project-based learning opportunities that promote STEM-education
    - o Robotics, Computer Science, Coding
- ✓ Engage business, community and higher education partners in the planning process (how can they help? What shared goals/activities can you collaborate toward?)
- ✓ Engage feeder schools in STEM Plan development
- ✓ Conduct focus groups of students and parents (what areas are most appealing to students and parents?)
- **Draft and enter three-year STEM Plan in Carnegie STEM Excellence Pathway – Due Dec 4**
- **Submit STEM Plan and Budget Form (Directions, Budget) via email to Emily@educationalliance.org ($10,000 plus year-on excess max) – Due Dec 4**
- **Present draft STEM Plan during Network webinar –Dec 10 from 3:30-5:00 pm**

Structural Changes (Jan-Jun 2016)

- Revise STEM Plan based on feedback and ideas learned from Network schools
- Present STEM Plan at local board of education meeting – Due Feb 2015
- Recognize STEM Network Schools funders at local board of education meeting – Due Feb 2016
- Present STEM Plan to teachers, administrators, and other staff to gain school-wide support
- Provide professional development in advance of STEM Plan implementation in Fall 2016
- Implement structural changes (schedule, staffing, course offerings, etc.) to prepare for STEM Plan implementation in Fall 2016

- Formalize STEM partnerships (business, community, higher education, etc.) with Memorandum of Understandings
- Research and apply for additional grant/funding opportunities that support program implementation
- Invite families and community partners to participate in Community engagement activities to promote STEM-education and plan implementation
- Collect required data for program evaluation
- Submit final STEM Plan in Carnegie STEM Excellence Pathway and Budget Form via email to Emily@educationalliance.org – Due May 2016

Year Two & Three Implementation (2016-2018)

- Implement school's STEM Network Plan
- Enhance and develop new STEM-related school based partnerships
- Ensure program is implemented with equity
- Continue Network professional development
- Network with staff from other STEM Network Schools and learn from their program experience
- Enhance community awareness about the program
- Evaluate program impact and student achievement
- Celebrate program results