



# Finger Lakes STEM Hub Strategic Plan, 2018-2022

(updated 9/28/19)

**MISSION:** The Finger Lakes STEM Hub is a catalyst for collaboration and communication across diverse partners, promoting quality initiatives that build college and career readiness for ALL students in our region.

**VISION:** The Finger Lakes STEM Hub is a recognized leader in a thriving region of collaborative innovation, where inspired learners succeed in a rapidly changing world.

**Core Values: Collaboration \* Innovation \* Economic Vitality \* Education \* Sustainability**

<b>3 Priority Areas to Support Students</b>	<b>Area 1 - Professional Learning:</b> to provide educators with opportunities to enhance confidence and competence in preparing students for college and careers in STEM	<b>Area 2 - Community Awareness:</b> to coordinate and facilitate active engagement with STEM	<b>Area 3 - Impactful Partnerships:</b> to facilitate collaboration and communication among stakeholders that advance solutions to regional STEM challenges	
<b>4 Primary Goals/Objectives</b>	<b>Goal 1:</b> Recognize and promote quality STEM programs	<b>Goal 2:</b> Provide real-world exposure and experiences for learners in STEM-related career fields	<b>Goal 3:</b> Grow the number and knowledge base of STEM event participants	<b>Goal 4:</b> Ensure STEM information is communicated through appropriate technology and tools

**Core Commitments of the Finger Lakes STEM Hub:**

1. Informing and inspiring educators, parents and youth regarding pathways to readiness for 21<sup>st</sup> century STEM careers
2. Fostering partnerships across sectors of the region
3. Promoting awareness and advocacy for equal access for learners
4. Assessing and communicating results of the STEM Hub's work



# Finger Lakes STEM Hub Goals/Objectives, 2018-2022

	Initiative/Action	Priority Area	Goal/Objective
Initiatives/Actions to Achieve the Finger Lakes STEM Hub Goals/Objectives	<b>STEM Quality Program Recognition</b> – STEM programs are nominated from the community, reviewed by a panel of judges, selected for recognition at an event and publicized throughout the region as an honoree	• All three areas	• Goal 1
	<b>STEM Professional Learning Series</b> – A series of industry experiences is combined with a practitioner’s workshop. The Series is conducted for teachers, counselors and administrators. It is designed to provide information on the skills and training needed by students for 21 <sup>st</sup> Century careers, and connect educators to STEM-related businesses	• Professional Learning • Impactful Partnerships	• Goals 2, 3
	<b>Website Enhancement</b> – The STEM Hub’s website is designed to create a mobile-friendly, single portal to share information for all STEM-related activities, events and resources in the nine-county area	• All three areas	• Goals 1, 3 and 4
	<b>STEM Roundtable</b> – A monthly meeting of diverse partners is conducted to encourage collaboration which features presentations by STEM related organizations and updates and activities of the participants	• All three areas	• Goals 1, 2 and 3
	<b>Regional STEM Forums</b> – A meeting is sponsored each year whereby ideas, views, and solutions on STEM related matters can be exchanged.	• All three areas	• Goals 1, 2 and 3
	<b>Opportunities for Learning, Awareness and Collaboration</b> – A variety of events are held at different times and locations to increase participation of STEM constituencies	• All three areas	• All four goals
Initiatives/Actions to Support the Strategic Plan	<ul style="list-style-type: none"> <li>• <b>STEM Hub Operations:</b> An entity within the Hub is created to advise on matters of governance, administration and strategic plan oversight</li> <li>• <b>STEM Hub Sustainability:</b> An annual partner sponsorship program is implemented to support the work of the Hub with funds and other resources</li> </ul>		