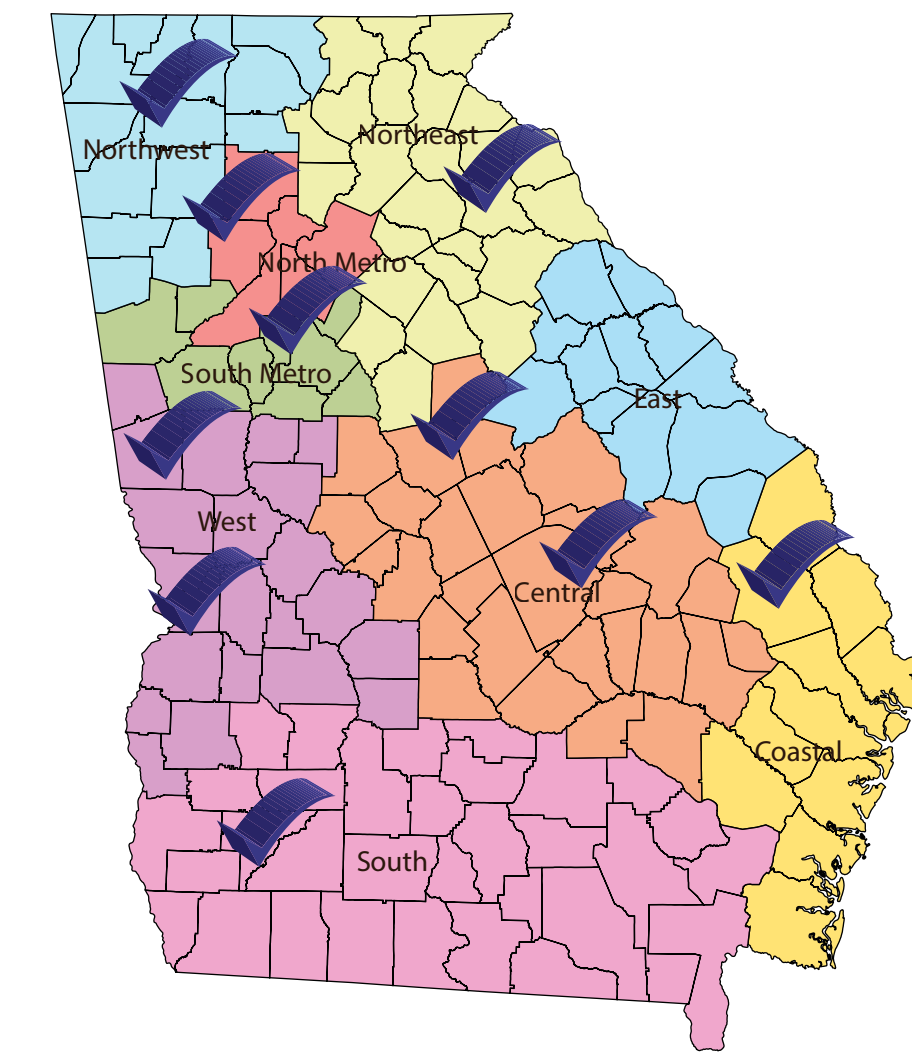


## Regional HUB Super Coach / Mentor / Counselor

Approximately One Super-Coach per STEM Support Hub

Highly Skilled in Informal STEM Learning  
 Experienced with working with Industry & Business Partners  
 Knowledgeable and Experienced in Manufacturing, Engineering, & Science

Recommends expanding the mission of GYSTC from K-8 to K-12, adding strong support for engineering and science, employing Regional HUB Super Coaches to advance engineering, bioscience, and engineering activities.



## Key Attributes

- STEM Coach
- STEM Career Counselor
- Business & Industry Liason
- Industry Recruiting Events
- WBL - Work Based Learning
- STEM Development Support for Feeder Schools

## High School or College & Career Academy Coach / Mentor / Counselor



STEM GYM  
 Innovation, Design, Manufacturing Support

Coaches Informal robotics & science teams  
 Counsels and mentors students  
 Full time position

Works with local industry & businesses to align students to work, co-op, internship, and work based learning opportunities.

Works to advance student & industry needs in education and workforce development by advancing and linking informal learning with traditional classroom learning.

## Northwest Georgia Regional Advanced Manufacturing Strategy

In May 2014, Georgia Tech held a workshop at the Northwest Georgia College and Career Academy. The purpose of this workshop was to develop a vision, mission, and to develop the Northwest Georgia Regional Advanced Manufacturing Strategy.

- W1.4 - Internships
- W1.5 - Co-Op
- W1.6 - Apprenticeships
- W1.8 - Recruiting Events
- W2.2 - HDCI Focused
- W3.2 - STEM developmental support for feeder schools
- W3.3 - DEM Camps (design, engineering, & manufacturing camps)
- W3.4 - AMP It Up
- W3.5 - industry mentoring, soft skills, soft STEM
- P4.2 - Invite students to industry events
- P5.1 - Great Promise Partnership support
- P5.2 - Invention Studio
- P5.3 - Makerspace
- P5.4 - Engineering Competition
- M1.1 - Marketing of careers - STEM Career Counselor
- M1.2 - Marketing of careers - advanced manufacturing
- M1.3 - Teachers in Industry
- M1.5 - Manufacturing Day events
- M1.6 - Go Build Georgia - advanced manufacturing

Consolidating these efforts with a STEM Coach model will advance these types of strategic recommendations.

Reference numbers from the **Northwest Georgia Regional Advanced Manufacturing Strategy** final report, November 2014, by the Georgia Tech, Enterprise Innovation Institute.

## K-8 Support

High School / College & Career Academy Coach works with K-8 schools to encourage alignment of programs & activities to encourage and maintain young student interest in STEM careers, and align K-12 continuity in STEM Informal Learning areas.

