Girls Inc. of Holyoke

Governor’s STEM Advisory Meeting – March 3, 2014
Eureka!
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Brain and Behavior Workshop

Girls explored neurocognition and perception
Eureka!®

An exciting partnership between Girls Inc.® of Holyoke and UMass Amherst

Girls + STEM + Professors + College Campuses = Eureka! – a nationally recognized program connecting girls to innovative learning opportunities in science, technology, engineering and math.
Eureka! is a multi-year effort for girls to:

• Explore STEM
• Take on physical challenges
• View post-secondary education as part of their future.
  • Begins at an age when girls tend to lose interest
  • Engaging, innovative programs that address the STEM gender gap
    and boost girls’ college readiness.

Girls Inc. of Lynn, Girls Inc. of Worcester, and Girls Inc. of Holyoke served over 175 girls in Eureka! during the Summer of 2013!
Girls Inc. Explores Biochem and Molecular Biology with Prof. Vierling
Goal 1: Increase student interest in STEM

Eureka! Impact

• 98% of girls believe that they are smart; including 10% more girls who “strongly agree” with the statement.

• 75% say they can handle harder math, including an 8% increase in those selecting “strongly agree.”
Goal 2: Increase student achievement …to prepare graduates to be civically and college and/or career ready.

Eureka! Impact:

• Nearly 75% of girls completing their second summer of Eureka! listed STEM or STEM-related careers as potential plans for their futures.
Eureka! Impact: significant increases in levels of physical activity, averaging over four days per week when they are active.