



of Memphis

Eureka! Program

Eureka! is our five-year comprehensive program designed to inspire girls ages 12 to 18 to pursue their academic and career interests, especially in STEM-related fields. The program uses a “Whole Girl” approach that equips girls to be strong, smart and bold; empowers them to achieve in areas important to their present and future; and compensates for gender discrimination and other barriers girls too often encounter in pursuing STEM education and careers. Beginning with rising 8th graders, the EUREKA! “Whole Girl” approach meets the intellectual, social, physical and emotional needs of adolescent girls through a combination of engaging STEM, sports, personal development, financial literacy and career development activities. Girls participate in a variety of activities that allow them to explore the cutting-edge world of STEM through hands-on experiences in a college-campus environment.

Each year, a cohort of 35 girls begins a five-year journey that starts with the summer before they enter eighth grade and continues through high school. This long-term, sustained involvement supports girls in pursuing post-secondary education and careers that will enable them to be independent and successful throughout their lives. Our programs are delivered monthly during the school year and supported by an intensive four-week summer program.

Five-Year Curriculum Overview

Introductory Summer Camp – STEM Overview and Sisterhood

Schedule	June 6 – July 1; Monday – Friday, 9 am – 5 pm
Programs	<u>STEM</u> : a variety of Science, Technology, Engineering and Math sessions <u>Girls Inc.</u> : <i>Will Power / Won't Power</i> <u>Sport</u> : Swimming
# of Hours	160

Year 1 – Technology and Self Confidence

	School Year		Summer	
Schedule	Monthly workshops held on Saturdays or after school		Monday – Friday, 9 am – 5 pm for four weeks in June	
Programs	<u>STEM</u>	Robotics	<u>STEM</u>	<i>Build IT</i> (coding, programming)
	<u>Girls Inc.</u>	<i>Friendly PEERsuasion</i> Scholars Writing	<u>Girls Inc.</u>	Media Literacy
	<u>Sport</u>	Swimming	<u>Sport</u>	Swimming
# of Hours	Minimum of 6 hours per month or 54 hours total		# of Hours	160

Year 2 – Transportation & Logistics, Goal Setting and Career Exploration

	School Year		Summer	
Schedule	Monthly workshops held on Saturdays or after school		Monday – Friday, 9 am – 5 pm for four weeks in June	
Programs	<u>STEM</u>	Transportation Logistics	<u>STEM</u>	Workplace Exploration
	<u>Girls Inc.</u>	Job Readiness Goal Setting	<u>Girls Inc.</u>	Economic Literacy
	<u>Sport</u>	Tennis	<u>Sport</u>	Golf
# of Hours	Min. of 6 hours per month (54 hours total)		# of Hours	160

Year 3 – Academic Success and Computer Science

	School Year		Summer	
Schedule	Monthly workshops held on Saturdays or after school		Monday – Friday, 9 am – 5 pm for four weeks in June	
Programs	<u>STEM</u>	A+ Certification training	<u>STEM</u>	Dual-enrollment course at Southwest TN Community College
	<u>Girls Inc.</u>	ACT prep Academic strategies	<u>Girls Inc.</u>	<i>Project BOLD</i>
	<u>Sport</u>	Fencing	<u>Sport</u>	Fencing
# of Hours	Minimum of 6 hours per month or 54 hours total		# of Hours	160

Year 4 – Engineering and College Readiness

	School Year		Summer	
Schedule	Monthly workshops held on Saturdays or after school		College residential program for one week & additional week of Girls Inc. programming	
Programs	<u>STEM</u>	Engineering Architecture	<u>STEM</u>	College Residential Program
	<u>Girls Inc.</u>	<i>Taking Care of Business</i> Scholars Writing	<u>Girls Inc.</u>	Independence and Life Skills
	<u>Sport</u>	Lacrosse Kickboxing	<u>Sport</u>	n/a
# of Hours	Minimum of 6 hours per month or 54 hours total		# of Hours	Minimum of 150 hours

Year 5 – Medical

	School Year		Summer	
Schedule	Monthly workshops held on Saturdays or after school		Graduation	
Programs	<u>STEM</u>	Biomedical Medical Research		
	<u>Girls Inc.</u>	Public Speaking Scholars Writing		
	<u>Sport</u>	Running (5K)		
# of Hours	Minimum of 6 hours per month or 54 hours total			