

## MOBILE STEAM LAB



girl scouts  
heart of the south

brought to you by  
**TOYOTA** | MS

Thanks to the generous support of Toyota of Mississippi, Girl Scouts Heart of the South is expanding access to STEAM education, ensuring that more girls—regardless of location—can explore, experiment, and discover their potential in these critical fields.

Our **MOBILE STEAM LAB** is designed to inspire the next generation of innovators by providing hands-on, interactive experiences in science, technology, engineering, arts, and mathematics. Equipped with cutting-edge tools and engaging activities, this mobile lab brings exciting learning opportunities directly to Girl Scouts across our council, helping them build confidence, problem-solving skills, and a passion for STEAM fields.



## S SCIENCE

With our science curriculum girls can learn by doing hands-on chemistry lessons about plant science to learn about healthy living and eating. Through our science curriculum we explore ways we can better provide for our earth and ourselves.



## T TECHNOLOGY

Technology is a huge part of our world, and we want to show girls the ways technology works for the greater good. Through technology, girls have access to 500 plus lessons through our education Virtual Reality goggles where girls can visit different areas of the world to learn about how cars are made in an up close personal environment. Through technology and our VR goggles, we can enhance any lesson plan to drive home what we are teaching girls.



## E ENGINEERING

Our engineering curriculum introduces girls to the core Engineering Design Process, empowering them to think critically and solve real-world challenges. From identifying a problem to brainstorming solutions, testing their designs, and incorporating feedback, girls develop essential problem-solving skills while fostering creativity, collaboration, and resilience. Through hands-on activities and innovative thinking, they gain confidence in their abilities and discover the exciting possibilities of engineering.

Whether it's coding, robotics, engineering challenges, or creative design, the **MOBILE STEAM LAB** is on the move, bringing innovation and excitement to every stop!

Our curriculum fosters hands-on exploration, collaborative learning, and girl-led experiences, all while empowering girls to build confidence in STEAM subjects for girls in grades K-12.



# ARTS AND MATH

By blending artistic expression with mathematical concepts, girls develop critical thinking, innovation, and confidence in their abilities. Whether designing patterns, exploring geometric principles in art, or using math to create and analyze structures, they discover how these subjects connect to real-world applications and future careers. Through engaging projects and challenges, girls learn that both math and art are tools for creativity, discovery, and limitless possibilities.



## Interested in having the **MOBILE STEAM LAB** come to your school?

Contact us today at  
[info@girlscoutshs.org](mailto:info@girlscoutshs.org) or 1-800-624-4185!

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