

## **STEM**



## Ignite her interest.

While more than 80 percent of all high school girls are interested in pursuing Science, Technology, Engineering and Math (STEM) professions, half of them believe that STEM isn't a typical career path for girls. An investment in the Girl Scouts Leadership Center can help us change that perception.

The Leadership Center will spark student engagement in and enthusiasm for STEM through out-of-school experiences, including afterschool programs and site-based events. By becoming active, hands-on learners, girls will not only understand scientific concepts in a manner that compliments their formal classroom learning, but also develop the kind of skills that lead to STEM employment.

Our facility will house uniquely designed spaces, including a robotics workshop, computer technology center, engineering design studio, and science lab. These spaces will accommodate everything from woodworking to circuit building and coding workshops, as well as engineering summer camps and robotics competitions.

Geographically, the Leadership Center is within walking distance to Edventure Children's Museum, the South Carolina State Museum and University of South Carolina's main campus. It is a short drive to manufacturing facilities, technology incubators, state-of-the-art hospitals and world-class research laboratories.

Collaboration with these institutions will expose girls to local STEM resources and connect them with role models and mentors in a variety of fields. We intend to facilitate career explorations with female professionals from SCANA Corporation and Westinghouse, as well as partners in aerospace, manufacturing and other emerging technology sectors.

## **Preparing for the Future**

Within the next 15 years, more than \$40 billion of capital investment in nuclear power generation will be deployed within a 100-mile radius of Columbia, SC. This presents a significant opportunity for the Leadership Center to promote economic development, begin training a highly skilled workforce and position our state as a tech destination.