

Sample Girl Day Event Formats

| Type | Target Audience | Length | Brief Description |
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| Boys & Girls Club | Girls aged 10-13 | Full day | The Girls Engineering Takeover event was a one-day engineering conference where girls did engineering activities, connected with female professional engineers, and competed in a design competition. The event took place in two stages. Stage 1 - each local club location did engineering activities with the girls. Stage 2 - all the participating clubs and their girls came together at a central location to meet local female STEM professionals, learn about STEM careers, and complete workshops. |
| College of Engineering | Middle school girls aged 11-14 | Full day | This event featured five break-out groups with students rotating through to each one to experience five different engineering activities. They also met a guest speaker during lunch. |
| College of Engineering | Middle school girls | Full day | A carnival-style event in which 150 middle school girls participated in engineering activities at a College of Engineering. The participants were grouped with a collegiate and professional role model, and activities were led by various engineering student organizations. There were also two parent/educator panels held throughout the day. |
| Museum | Middle school girls | Half day | The girls travelled by bus to the Science Center. Once there they participated in one of the Science Center's engineering exploration labs, ate lunch, watched the movie Dream Big and explored at least one of the Center's exhibits. |
| Private non-profit | Underrepresented girls aged 6-12 | Evening | Girls had the opportunity to meet women in the field of engineering who discussed the life of an engineer. The evening also provided participants the opportunity to attend a variety of hands-on engineering workshops with their parents. Topics such as sound engineering, coding, and robotics. |

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| Industry outreach program | Middle school girls | Half day | This event focused on biomedical engineering. After an introduction to physiology and anatomy, participants designed an assistive device for a patient with fine motor skill disabilities. To design a successful device, participants had to experiment with forces, function, and comfort. After the design phase, teams tested their devices. |
| Middle School | Girls aged 8-10 (Native American girls from the reservation) | Full day | The event included a Science Expo/demo, lunch with engineers, a round table discussion, and screening of Dream Big. There was also an evening component of the Science Expo open to parents and the community with a special guest speaker. |
| Girl Scout Troop | Troop members, girls aged 5-17 | Half day | Our local Troop used the Engineering badge requirements to introduce the girls to engineering in a father/daughter event. Requirements were progressive and age appropriate in nature and included (but were not limited to) hands-on methods for understanding engineering concepts; history in the field of engineering; the role of women in science and engineering; engineering ethics; and careers in engineering and science. |
| Middle School | Girls aged 10-13 | Two days | This program was designed with two parts. In part I, girls met after school to select a STEM related passion project. It could be anything so long as it drew from a personal interest in STEM. The girls worked on their project alongside their mentor who provided technical advice as needed. In part II, the girls displayed and shared their projects. They also participated in hands-on STEM activities facilitated by engineers and volunteers. |