

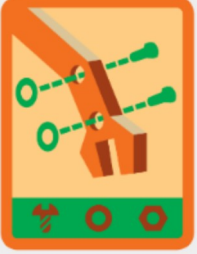
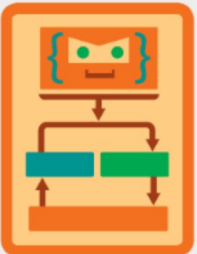
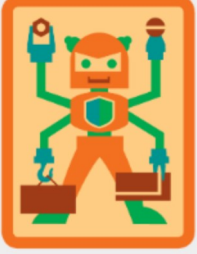
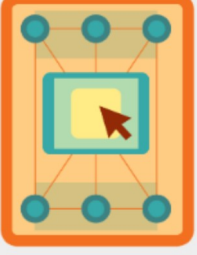


BADGE	DESCRIPTION
 <p><b>Journey: Think Like a Programmer</b></p> <p>Senior (Grades 9-10) STEM Journey</p>	<p>In this Journey, you will:</p> <ol style="list-style-type: none"><li>1. Find out how programmers use computational thinking to solve problems.</li><li>2. Do 3 computational thinking activities: create rules for how to stack cards to share messages and learn about encoding information, develop an algorithm for building a simple block arrangement, and test whether an app will meet a user's needs to explore user-centered design.</li><li>3. Plan a Take Action project that helps others. If you're a Girl Scout volunteer, go to Volunteer Toolkit for complete meeting plans and activity instructions.</li></ol> <p>Learn more about how to earn your Take Action Award - and help your community - with the <a href="#">Girl Scout Take Action Guide</a>. Then use your leadership skills to earn your Gold Award, the highest award for Girl Scout Seniors and Ambassadors!</p> <p><a href="#">Get This Journey</a></p>
 <p><b>Journey: Think Like an Engineer</b></p> <p>Senior (Grades 9-10) STEM Journey</p>	<p>In this Journey, you will:</p> <ol style="list-style-type: none"><li>1. Find out how engineers use design thinking to solve problems.</li><li>2. Do 3 design thinking activities: design and build prototypes of a can holder that isn't harmful to animals, a kinetic sculpture, and an assistive device for the elderly.</li><li>3. Plan a Take Action project that helps others. If you're a Girl Scout volunteer, go to Volunteer Toolkit for complete meeting plans and activity instructions.</li></ol> <p>Learn more about how to earn your Take Action Award - and help your community - with the <a href="#">Girl Scout Take Action Guide</a>. Then use your leadership skills to earn your Gold Award, the highest award for Girl Scout Seniors and Ambassadors!</p> <p><a href="#">Get This Journey</a></p>

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 <p><b>Robotics 1: Designing Robots</b></p> <p>Senior (Grades 9-10) STEM</p>	<p>Build a prototype of a new kind of robot that helps or replaces people who work in difficult or dangerous situations. Decide on a challenge, brainstorm solutions, plan, build a prototype, and test it to see how well it meets the challenge.</p> <ol style="list-style-type: none"><li>1. Pick a challenge</li><li>2. Explore possible solutions</li><li>3. Plan your prototype</li><li>4. Build a prototype</li><li>5. Get feedback on your robot</li></ol> <p>When you've earned this badge, you'll know how to design a robot and build a prototype.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Robotics 2: Programming Robots</b></p> <p>Senior (Grades 9-10) STEM</p>	<p>To understand more about how robots work, explore the parts and systems that make up a robot, and then learn about different ways to control a robot, including computer programming.</p> <ol style="list-style-type: none"><li>1. Learn about robots</li><li>2. Build a robot part: robot arm</li><li>3. Learn how robot systems work together</li><li>4. Learn about programming</li><li>5. Write a program for a robot</li></ol> <p>When you've earned this badge, you'll understand how robots work and how to control them.</p> <p><a href="#">GET THIS BADGE</a></p>

BADGE	DESCRIPTION
 <p><b>Robotics 3: Showcasing Robots</b></p> <p>Senior (Grades 9-10) STEM</p>	<p>After engineers build their robots, they show them to others and enter them into challenges and competitions. Now that you've built your robot prototype, it's time to share your design with others.</p> <ol style="list-style-type: none"><li>1. Create a presentation about your robot</li><li>2. Present your robot pitch to others for feedback</li><li>3. Hold a mini robotic competition</li><li>4. Explore robotics opportunities in high school, college, and beyond</li><li>5. See robot makers and robots in action</li></ol> <p>When you've earned this badge, you'll know how to share your robot designs with the world.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Website Designer</b></p> <p>Senior (Grades 9-10) STEM Art</p>	<p>Build yourself a safe space online where you can show your readers what moves you.</p> <ol style="list-style-type: none"><li>1. Find a worthwhile subject for your website or blog</li><li>2. Be the host with the most</li><li>3. Build a blueprint</li><li>4. Create must-see content</li><li>5. Go live-then drive!</li></ol> <p>When you've earned this badge, you'll know how to design, build, and promote your own website.</p> <p><a href="#">GET THIS BADGE</a></p>