







BADGE	DESCRIPTION
 <p>Digital Movie Maker</p> <p>Cadette (Grades 6-8) STEM Art</p>	<p>Try your hand at movie making.</p> <ol style="list-style-type: none"> 1. Learn digital video basics 2. Film. Then film some more... 3. Pick the perfect subject 4. Action! 5. Edit and premiere your movie <p>When you've earned this badge, you'll know how to create a digital movie.</p> <p>GET THIS BADGE</p>
 <p>Journey: Think Like a Programmer</p> <p>Cadette (Grades 6-8) STEM Journey</p>	<p>In this Journey, you will:</p> <ol style="list-style-type: none"> 1. Find out how programmers use computational thinking to solve problems 2. Do 3 computational thinking activities: categorize various objects as "Computer" or "Not a Computer" to explore the four tasks that define a computer, create a card-sorting algorithm to learn about processing, and design technology that will best meet a user's needs using user-centered design. 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. <p>Learn more about how to earn your Take Action Award - and help your community - with the Girl Scout Take Action Guide. Then use your leadership skills to earn your Silver Award, the highest award for Girl Scout Cadettes!</p> <p>Get This Journey</p>

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 <p>Journey: Think Like an Engineer</p> <p>Cadette (Grades 6-8) STEM Journey</p>	<p>In this Journey, you will:</p> <ol style="list-style-type: none">1. Find out how engineers use design thinking to solve problems.2. Do 3 design thinking activities: design and build prototypes of a life vest for a dog, a model camp cabin inspired by nature, and a prosthetic leg for an elephant.3. Plan a Take Action project that helps others. <p>Learn more about how to earn your Take Action Award - and help your community - with the Girl Scout Take Action Guide. Then use your leadership skills to earn your Silver Award, the highest award for Girl Scout Cadettes!</p> <p>Get This Journey</p>
 <p>Robotics 1: Designing Robots</p> <p>Cadette (Grades 6-8) STEM</p>	<p>Build a prototype of a new kind of robot that could help someone to overcome a daily obstacle. 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">1. Pick a challenge2. Explore possible solutions3. Plan your prototype4. Build a prototype5. Get feedback on your robot <p>When you've earned this badge, you'll know how to design a robot and build a prototype.</p> <p>GET THIS BADGE</p>

BADGE	DESCRIPTION
 <p>Robotics 2: Programming Robots</p> <p>Cadette (Grades 6-8) STEM</p>	<p>To help you understand how robots work, learn about the parts that make up a robot. Get started with electronics by making a simple sensor, something robots use to function without human operators. Then practice coding robots using important programming concepts like functions and loops.</p> <ol style="list-style-type: none">1. Learn about robots2. Build a robot part: simple sensors3. Make a box model robot with sensors4. Learn about programming5. Write a program for a robot <p>When you've earned this badge, you'll understand how robots work and how to control them.</p> <p>GET THIS BADGE</p>
 <p>Robotics 3: Showcasing Robots</p> <p>Cadette (Grades 6-8) STEM</p>	<p>After engineers build a working version of their robots, they release them to the public. They may enter them into challenges and competitions or market them through a website or crowd-funding campaign. Now that you've built your robot, share your design with others and explore a future in robotics.</p> <ol style="list-style-type: none">1. Learn about robotics events and organizations2. Create a presentation about your robot3. Present your robot pitch to others for feedback4. Find out about robotics opportunities for teens5. See robot makers and robots in action <p>When you've earned this badge, you'll know how to share your robot designs with the world.</p> <p>GET THIS BADGE</p>