













BADGE	DESCRIPTION
 <p><b>Cybersecurity 1: Basics</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Find out how computers talk to each other.</p> <ol style="list-style-type: none"> <li>1. Find out how computers read information</li> <li>2. Discover how networks work</li> <li>3. Find out what protocols are and create one</li> <li>4. Explore computer communication protocol</li> <li>5. Find out what malware is</li> </ol> <p>When you've earned this badge, you'll know the basics of cybersecurity and how computers communicate.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Cybersecurity 2: Safeguards</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Find out how to keep your online identity safe.</p> <ol style="list-style-type: none"> <li>1. Create and protect a username</li> <li>2. Create and protect a password</li> <li>3. Discover how you share information and what to share</li> <li>4. Find out how information online can last forever</li> <li>5. Find out who is trustworthy online</li> </ol> <p>When you've earned this badge, you'll know how to protect your online identity and stay safe online.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Cybersecurity 3: Investigator</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Become a cybersecurity investigator and learn how to spot threats online.</p> <ol style="list-style-type: none"> <li>1. Create and crack a shift cipher code</li> <li>2. Find out how updates can help your security</li> <li>3. Explore identity theft</li> <li>4. Find out what to do if your identity is stolen</li> <li>5. Investigate if a message is real or fake</li> </ol> <p>When you've earned this badge, you'll know how computers use codes to communicate and how to spot cyber crime.</p> <p><a href="#">GET THIS BADGE</a></p>

BADGE	DESCRIPTION
 <p><b>Digital Photographer</b></p> <p>Junior (Grades 4-5) STEM Art</p>	<p>Find out how to capture a winning photo with your digital device, whether you're using a phone, tablet, laptop, or digital camera.</p> <ol style="list-style-type: none"><li>1. Learn about digital cameras from an expert</li><li>2. Take tons of photographs!</li><li>3. Edit three photos</li><li>4. Make a digital photo project</li><li>5. Share your photos</li></ol> <p>When you've earned this badge, you'll know how to use a digital camera to create one-of-a-kind photos.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Entertainment Technology</b></p> <p>Junior (Grades 4-5) STEM Art</p>	<p>Explore the ins and outs of entertainment technology.</p> <ol style="list-style-type: none"><li>1. Animate your own artwork</li><li>2. Dig into video game development</li><li>3. Try the science of amusement park rides</li><li>4. Create your own special effects</li><li>5. Surf a sound wave</li></ol> <p>When you've earned this badge, you'll know the science behind the world of entertainment.</p> <p><a href="#">GET THIS BADGE</a></p>

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  <p><b>Journey: Think Like a Programmer</b></p> <p>Junior (Grades 4-5) 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 algorithms to make images with tangrams; create mad libs and craft suncatchers to learn more about algorithms, abstraction, functions, and variables; and create a personal innovation to discover rapid prototyping.</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 Bronze Award, the highest award for Girl Scout Juniors!</p> <p><a href="#">Get This Journey</a></p>
  <p><b>Journey: Think Like an Engineer</b></p> <p>Junior (Grades 4-5) 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 a paper structure that can support the weight of heavy books, an emergency shelter, and a prototype of a structure that can withstand an earthquake's shaking.</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 Bronze Award, the highest award for Girl Scout Juniors!</p> <p><a href="#">Get This Journey</a></p>

BADGE	DESCRIPTION
 <p><b>Robotics 1: Designing Robots</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Plan and build a prototype of a robot that solves a global problem.</p> <ol style="list-style-type: none"><li>1. Discover the future of robots</li><li>2. Determine your robot's expertise</li><li>3. Plan your robot</li><li>4. Create a prototype</li><li>5. Get feedback on your robot</li></ol> <p>When you've earned this badge, you'll know how to plan, build, and share feedback like an engineer by creating a prototype of a robot that solves a global problem.</p> <p><a href="#">GET THIS BADGE</a></p>
 <p><b>Robotics 2: Programming Robots</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Engineer a simple machine that helps a robot land, learn about the robot brain, and create programs for your friends.</p> <ol style="list-style-type: none"><li>1. Learn how robots work</li><li>2. Discover the robot brain</li><li>3. Learn about programming</li><li>4. Try simple programming</li><li>5. Code a robot</li></ol> <p>When you've earned this badge, you'll know how robots receive instructions in a way similar to the human brain. You will be able to create simple programs that could be run by a robot.</p> <p><a href="#">GET THIS BADGE</a></p>

BADGE	DESCRIPTION
 <p><b>Robotics 3: Showcasing Robots</b></p> <p>Junior (Grades 4-5) STEM</p>	<p>Now that you have your robot prototype, create a presentation and share your design with others. Then, find out about robot teams and competitions.</p> <ol style="list-style-type: none"><li>1. Create a presentation to share how you designed your robot</li><li>2. Tell others how you designed your robot</li><li>3. Learn about robotics competitions</li><li>4. Learn about robotics teams</li><li>5. See robots in action</li></ol> <p>Note: Unlike the other robotics badges, these steps include options. You may be able to complete multiple steps, particularly steps three through five, at once. When you've earned this badge, you will have shared your prototype and design process with others. You will see a robot in action and learn about robotics teams and competitions.</p> <p><a href="#">GET THIS BADGE</a></p>