

# JUNIOR GIRL SCOUT GUIDE TO SCIENCE CITY

(Use with Junior Girl Scout Badgebook)



page #	Badge	Requirements	What you do at Science City	Adult's or Leader's OK
26-27	<b>Traveler</b>	<b>2. Promote a Place</b> Collect travel brochures on places you want to visit. Share your brochures with your troop or family.	Visit the Information Center in the Grand Hall in Union Station and collect brochures on nearby attractions.	<b>2</b>
46-47	<b>Communication</b>	<b>9. Making It Public</b> Outline what you would do to give a promotional presentation to show parents and children a new science center.	Visit Science City and then brainstorm a presentation.	<b>9</b>
51	<b>Local Lore</b>	<b>1. Word of Mouth</b> Find out about a monument or landmark in your community. Share your findings with others.	Visit Union Station and see the <i>Union Station Story</i> exhibit. Or walk across the street and tour the Liberty Memorial.	<b>1</b>
56-57	<b>Pet Care</b>	<b>1. To Have or to Have Not?</b> Identify four animals that would make good pets for you. Then identify four animals that wouldn't make good pets. Consider each animal's daily needs, how well it would fit in with your home life, the cost of keeping it, and how long it generally lives	Visit the Nature Center in Science City. Study the animals there and ask questions.	<b>1</b>
98-99	<b>Finding Your Way</b>	<b>10. Bus and Train Maps</b> Learn how to use a local bus or train map. Choose a place and map out how to get there using public transportation. If it is possible, with an adult, put your route to the test by taking the bus or train to your destination.	Visit the Metro Transit Center (bus) or the Amtrak office (train) in Union Station to get a map and plan a trip. If you can, take a trip leaving from and returning to Union Station.	<b>10</b>

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125	<b>Wildlife</b>	<b>4. We Are Family</b> Scientists group all organisms according to characteristics that they share. Pick two of the wildlife groups listed and learn what characteristics all of its members share: amphibians, birds, fish, insects, mammals, reptiles, plants.	Visit the Science City Nature Center.	<b>4</b>
128	<b>Architecture</b>	<b>2. Making Their Mark</b> Learn about a well known architect and visit one of her projects. Find out why this person is known for her work.	Visit Union Station and take the Union Station Tour to learn about architect Jarvis Hunt.	<b>2</b>
149	<b>Discovering Technology</b>	<b>1. Just for Practice</b> Use a software program to build or design something.	Visit the S.O.A.R. Lab and do the Design a Car challenge.	<b>1</b>
166	<b>Puzzlers</b>	<b>1. A Maze With a Theme</b> Visit a maze that you can navigate.	Visit Maze Park in Science City.	<b>1</b>
171	<b>Theater</b>	<b>10. See It Live!</b> Attend a play.	See a live show at the City Stage.	<b>10</b>
181	<b>Aerospace</b>	<b>4. Think Sky High</b> Visit a planetarium.	See a planetarium show in the City Dome.	<b>4</b>
184	<b>Globe-Trotting</b>	<b>2. Toot Your Own Horn</b> Is your community a tourist destination? Create a poster, a travel brochure, or a presentation high-lighting your community's unique features.	Visit the Information Center in the Grand Hall of Union Station. Collect travel brochures that you can use to make a poster or presentation.	<b>2</b>
203	<b>Science Discovery</b>	<b>7. It's a Hands-On and Happening Place</b> Visit a hands-on science museum.	Visit Science City.	<b>7</b>

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210	<b>Science Sleuth</b>	<p><b>10. What Is a Simple Machine?</b> Create a complex machine that combines two or more of these simple machines: wheels, pulleys, levers, inclined planes or ramps, screws, wedges.</p>	Visit the Robotics table in the S.O.A.R. Lab and use the parts to build a machine.	<b>10</b>
213	<b>Sky Search</b>	<p><b>1. Mapping the Skies</b> Learn how to use a star map.</p>	Attend a Skywatch presentation in the City Dome to fulfill all three of these requirements.	<b>1</b>
		<p><b>2. Constellations</b> Learn to identify at least five of the constellations seen from Earth.</p>		<b>2</b>
		<p><b>3. Direction, Please</b> Learn about the North Star and why it is used for navigation. Help others locate the North Star. Use the North Star to find two constellations or asterisms.</p>		<b>3</b>

Please be sure to transfer the activities you did today to your Badgebook.