

Junior Scout Requirements Checklist

Animal Habitats Requirements	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Find out about wild animals. <input type="checkbox"/> 2. Investigate an animal habitat. <input type="checkbox"/> 4. Explore endangered habitats. <input type="checkbox"/> 5. Help protect animal habitats. 	Nature Booths Audobon Society Bear Creek Lake Park Leave No Trace	Visitor Center Visitor Center
Detective Requirements [COMPLETE]	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Practice the power of observation <i>Visit the Backyard Bones Dig at the Visitor Center to learn about making observations at a dig site.</i> <input type="checkbox"/> 4. Try out detective science. <i>Learn about the dinosaur in the Backyard Bones Dig and the clues present about its life and death.</i> <input type="checkbox"/> 5. Follow the clues to solve a real mystery! <i>What dinosaur was here and why? What happened while it was here? How did it die? Follow the clues and dig up the skeleton to solve the mystery of the Backyard Bones Dig!</i> 	Backyard Bones Dig	Visitor Center
Drawing Requirements [COMPLETE]	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Experiment with different materials <i>Practice with pencil, pen, and chalk at the Artist Booth in the Exhibit Hall.</i> <input type="checkbox"/> 2. Learn how to add shading <i>Practice shading with lines, crosshatching, and stippling at the Artist Booth in the Exhibit Hall.</i> <input type="checkbox"/> 3. Get some perspective <i>Check out the murals in the Exhibit Hall to gain perspective that paleo artists use when making fossils come to life through drawings, paintings, and sculpture!</i> <input type="checkbox"/> 4. Use your imagination like a graphic artist <i>Use everything you've learned to lay out an art piece.</i> <input type="checkbox"/> 5. Make your masterpiece—and show it off! <i>Create a piece of art using what you've learned and, if you'd like, use a clip to pin it to the strings hanging to show it off for all to see!</i> 	Artist Booth	Exhibit Hall
Eco Camper Requirements	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Learn the Leave No Trace Seven Principles. <input type="checkbox"/> 4. Have fun with the Leave No Trace Principles. <input type="checkbox"/> 5. Take a conservation hike. 	Leave No Trace Dinosaur Ridge Hike	Visitor Center On the Ridge

<i>Bring a trash bag with you. During the Dinosaur Ridge hike clean up the trail as you hike and help us conserve our local site!</i>		
Flowers [Complete]		
<input type="checkbox"/> 1. Uncover the science of one flower <i>Visit the gardening booth to understand flowers more closely.</i> <input type="checkbox"/> 2. Look under the petals <input type="checkbox"/> 3. Find out how flowers help people <input type="checkbox"/> 4. Have fun with flowers <i>Use flower seeds to create a temporary art piece. Preserve it by taking a picture on your phone!</i> <input type="checkbox"/> 5. Send a message in flower code <i>Learn about flowers and create a color-coded origami tulip at the Gardening Booth to share a coded message with others at the event.</i>	Gardening Booth	Visitor Center
Geocacher Requirements [COMPLETE]	Booth/Area	Location
<input type="checkbox"/> 1. Prepare for your adventure. <input type="checkbox"/> 2. Learn to use a GPS receiver. <input type="checkbox"/> 3. Make a trade item. <input type="checkbox"/> 4. Go on a geocaching adventure. <input type="checkbox"/> 5. Take part in a bug's travels. <i>Start at Dinosaur Ridge exploring Geocaches on-site (both Visitor Center and on the Ridge).</i>	Dinosaur Ridge Event Geocaching Colorado Dinosaur Ridge Hike & Visitor Center	On-site Visitor Center On-site On the Ridge
Journey: Agent of Change Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Explore how powerful individual women have been throughout history, how your own individual powers can be linked together to create a powerful team, and how your team power can become community power.	Legendary Ladies Molly Brown House	Visitor Center
Journey: Think Like a Citizen Scientist Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Find out how citizen scientists make observations, collect data, and work with scientists to receive feedback on research. <i>Visit any of the STEM or Nature Booths at the Visitor Center for this requirement.</i>	STEM Booths Nature Booths	Visitor Center & On the Ridge
Junior Girl Scout Way Requirements	Booth/Area	Location
<input type="checkbox"/> 3. Share sisterhood <input type="checkbox"/> 4. Leave a place better than you found it	Dinosaur Ridge Event Leave No Trace	On-site Visitor Center
Junior STEM Career Exploration Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Explore your interests <input type="checkbox"/> 2. Discover the possibilities <input type="checkbox"/> 3. Learn about the day-to-day <i>Visit any of the STEM or Nature Booths at the event for these requirements.</i>	STEM Booths Nature Booths	Visitor Center

Junior Trail Adventure Requirements [*COMPLETE]	Booth/Area	Location
<p><i>*This Badge requires 3 separate day hikes to complete. The Dinosaur Ridge Hike can count as one of them, but you won't be able to complete this badge at the event unless it is your third and final day hike.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> 1. Choose your outdoor adventure. <i>The Dinosaur Ridge Hike is your outdoor adventure!</i> <input type="checkbox"/> 2. Plan and prepare. <i>Before coming, make sure you're ready for a 1.5 or 3-mile hike and spending 2-4 hours outdoors.</i> <input type="checkbox"/> 3. Gather your gear. <i>Before coming, make sure you have what you need.</i> <input type="checkbox"/> 4. Set a goal and train for your adventure. <i>The Dinosaur Ridge Hike is a great starter hike if this is the first for your badge – but if it's the second or third, you will still have a great time, get some exercise, and learn a ton!</i> <input type="checkbox"/> 5. Go on your outdoor adventure. <i>Hike Dinosaur Ridge for this final requirement.</i> 	Dinosaur Ridge Hike	On the Ridge
Math in Nature 1: Shapes in Nature Requirements	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Identify symmetry in nature <input type="checkbox"/> 2. Explore bilateral symmetry in nature <i>Ripple Marks on Dinosaur Ridge are both symmetrical and asymmetrical, and you can look at them while you're on the Dinosaur Ridge Hike.</i> <input type="checkbox"/> 4. Find fractals in nature <i>Pinecones, tree leaves, and tree branches are all types of fractals found in nature and on Dinosaur Ridge. Did you find others? List them here!</i> <input type="checkbox"/> 5. Search for the Fibonacci sequence <i>Visit the WIPS Fossil Booth at the Visitor Center to find out which fossil is a natural example of the Fibonacci Sequence!</i> 	<p>Dinosaur Ridge Hike Nature Booths</p> <p>WIPS Booth</p>	<p>On the Ridge Visitor Center</p> <p>Visitor Center</p>
Math in Nature 2: Numbers in Nature Requirements [COMPLETE]	Booth/Area	Location
<ul style="list-style-type: none"> <input type="checkbox"/> 1. Tell time with nature <i>Track the sun as it moves and look at shadows to determine roughly what time of day it is. Look at a clock after your guess to see how close you were!</i> <input type="checkbox"/> 2. Track the weather <i>Keep your eyes on the sky to the west (toward the mountains). If you see any billowing clouds overhead, check a weather app on your phone to see if bad weather is on the way! Keep your eyes on the clouds throughout your trip to see how they move over Dinosaur Ridge.</i> <input type="checkbox"/> 3. Explore the circumference of trees <i>If you have measuring tools, measure the circumference of a tree at the Dinosaur Ridge Visitor Center (there is a large cottonwood tree in the center of the Visitor Center area. Have fun measuring! If you don't have measuring tools, use you and your friends arms and see how many of you can make it around this tree!</i> <input type="checkbox"/> 4. Search for shadows <i>Shadows are a fun way to explore! Check out shadows made by solid objects and shadows made be clear or translucent objects. Are they different?</i> <input type="checkbox"/> 5. Find the area and perimeter of plants 	<p>Dinosaur Ridge Hike</p> <p>Dinosaur Ridge Event</p>	<p>On the Ridge</p> <p>On-site</p>

Find a plant on the Dinosaur Ridge Hike or at the Visitor Center and measure the area (length x width) and perimeter (length + width multiplied by 2) of a plant. Make a boundary to measure, but don't forget to leave no trace!		
Math in Nature 3: Design With Nature Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Find your hiking pace <input type="checkbox"/> 2. Choose a hiking trail	Dinosaur Ridge Hike	On the Ridge
Outdoor Art Explorer Requirements	Booth/Area	Location
<input type="checkbox"/> 2. Make something! <i>At the Artist Booth at the Exhibit Hall, create a piece of art!</i>	Artist Booth	Exhibit Hall
<input type="checkbox"/> 3. Find music in nature <i>Listen to the sounds of nature as you hike Dinosaur Ridge.</i>	Dinosaur Ridge Hike	On the Ridge
<input type="checkbox"/> 4. Be a nature photographer <i>As you hike Dinosaur Ridge, take photos with yours or your parent's digital camera of native plants, animals, and the landscape!</i>		
Playing the Past Requirements	Booth/Area	Location
<input type="checkbox"/> 3. Experience daily life <i>Learn about the lives of historic women in science.</i>	Legendary Ladies Molly Brown House Museum	Visitor Center
<input type="checkbox"/> 4. Have some old-fashioned fun		
Social Butterfly Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Hold a conversation <input type="checkbox"/> 4. Say thank you. <input type="checkbox"/> 5. Practice being at ease. <i>You can complete these requirements during the event at any of the booths.</i>	Dinosaur Ridge Event	On-site
Space Science Investigator Requirements	Booth/Area	Location
<input type="checkbox"/> 2. Circle the Sun <input type="checkbox"/> 4. Use the tools to explore <input type="checkbox"/> 5. Use tools to explore	Solar eclipse Viewing Booth	Visitor Center
Stay Fit Requirements	Booth/Area	Location
<input type="checkbox"/> 1. Start moving! <input type="checkbox"/> 2. Keep your fit body fueled <input type="checkbox"/> 5. Help your family stay fit	Dinosaur Ridge Hike	On the Ridge



Booth/Activity List (Check off those you've visited!)	Booth/Type	Location
<input type="checkbox"/> Artist Booth	Art	Exhibit Hall
<input type="checkbox"/> Association of Professional Geologists (AIPG)	STEM (geology) Booth	Visitor Center
<input type="checkbox"/> Bear Creek Lake Park	Nature Booth	Visitor Center
<input type="checkbox"/> Bird Conservancy of the Rockies	Nature Booth	Visitor Center
<input type="checkbox"/> Colorado Groundwater Association	STEM Booth	Visitor Center
<input type="checkbox"/> Dinosaur Ridge Hike	Dinosaur Ridge Trail	On the Ridge
<input type="checkbox"/> Gardening Booth	Gardening	Visitor Center
<input type="checkbox"/> Geocaching Colorado	Geocaching/Letterboxing	Visitor Center
<input type="checkbox"/> Girl Scout Troop #66735	(confirming topic)	Visitor Center
<input type="checkbox"/> Girl Scouts of Colorado Check-In/Recruiting	Check-In Booth	Visitor Center
<input type="checkbox"/> Information Booth (Scavenger Hunt Pick Up)	Ticket Shed	Visitor Center
<input type="checkbox"/> Leave No Trace	Leave No Trace	Visitor Center
<input type="checkbox"/> Legendary Ladies	STEM (history) Booth	Visitor Center
<input type="checkbox"/> Libby Talks	STEM (environmental) Booth	Visitor Center
<input type="checkbox"/> Morrison Natural History Museum (MNHM)	STEM (fossils) Booth	Visitor Center
<input type="checkbox"/> Molly Brown House Museum	STEM (history) Booth	Visitor Center
<input type="checkbox"/> Mr. Bones	Dinosaur Puppeteer	Visitor Center
<input type="checkbox"/> Rocky Mountain Association of Geologists (RMAG)	STEM (geology) Booth	Visitor Center
<input type="checkbox"/> SME Minerals Education Coalition	STEM (geology) Booth	Visitor Center
<input type="checkbox"/> Solar Eclipse Viewing Booth	STEM (space) Booth	Visitor Center
<input type="checkbox"/> Ute STEM Kit	STEM (indigenous History)	Visitor Center
<input type="checkbox"/> Western Interior Paleontological Society (WIPS)	STEM (fossils) Booth	Visitor Center
<input type="checkbox"/> Women in Mining	STEM (geology) Booth	Visitor Center