

Middle School Girls STEAM Camp

Purpose: Glacier National Park and Glacier Institute are conducting a camp for middle school girls this summer focused on science, technology, engineering, art, and math (STEAM) in relation to the science of archeology and protected cultural resources in Glacier National Park. The three-day, overnight camp will be held in and around Glacier National Park and is geared for grades 6–8. Twelve students will be selected. We are looking for a diverse pool of applicants from communities adjacent to Glacier and across Montana. *We will accept applications from other states, but priority will be given to Montana residents.*

The camp consists of: (1) attending a three-day science and field-based camp that provides an outstanding opportunity for participants to learn about the importance of cultural resources found and protected within Glacier National Park, while discovering the past using archeological methods and tools; (2) using art, in the form of illustrations, sketches, photos, and creative writing, to document archeological findings; (3) learning how to be both leaders and team members; (4) meeting women in STEM fields during a Women in Science Career Fair.

Time: The workshop will be held June 21–23, 2023. *Note: Workshop begins on Wednesday, June 21 at 8:30 a.m. and ends at 4:00 p.m. Friday, June 23.*

Location: Glacier Institute Big Creek Outdoor Education Center, located 22 miles north of Columbia Falls along the North Fork River of the Flathead River, and other locations in and around the park.

Physical Requirements: Participants must be physically able to do hikes of up to 4 miles in length and 1,000 feet elevation gain/loss.

Expenses: Thanks to funding from the [Glacier National Park Conservancy](#), shared bunkhouses, meals, and transportation during the camp will be provided for participants. Students are responsible for travel expenses to and from Big Creek Discovery School.

Questions: For more information, contact Dawn Glynn at register@glacierinstitute.org or 406-755-1211.

2023 Draft Agenda

Wednesday, June 21

8:30 – 9:00	Arrive & check in – Glacier Institute Big Creek Camp staff
9:00 – 9:45	Setting the Stage – Introductions, orientation, overview of the week, and ice breaker *Question of the Day
9:45 – 10:00	Break
10:00 – 11:00	Archeology 101
11:00 – 12:00	“Mock Dig” Activity
12:00 – 12:30	Lunch at Big Creek
12:30 – 1:00	Artifact Project Assignment)
1:00 – 1:15	Break
1:15 – 1:45	Travel to Rocky Point Trailhead
1:45 – 4:15	Leadership Hike & Journaling at Lake McDonald
4:15 – 4:30	Announcements/Highs and Lows
4:30 – 5:00	Travel to Big Creek
5:00 – 6:00	Break
6:00 – 7:00	Dinner at Big Creek
Evening Activity	<i>Night Hike</i>

Thursday, June 22

7:00 – 8:00	Breakfast
8:00 – 8:30	Travel to West Glacier Community Building
8:30 – 9:00	Journaling–Question of the Day
9:00 – 11:00	Women in Science Career Fair (seven women presenters in STEM-related fields)
11:00 – 11:30	Lunch
11:30 – 11:45	Travel to Oxbow Trail
11:45 – 2:45	Archeology Field Trip–CCC Camp
2:45 – 3:15	Travel to Big Creek
3:15 – 5:15	Work on Presentations
5:15 – 5:30	Announcements/Highs and Lows
5:30 – 6:00	Break
6:00 – 7:00	Dinner at Big Creek
<i>Evening Activity</i>	<i>Evening Campfire</i>

Friday, June 23

7:00 – 8:00	Breakfast
8:00 – 8:30	Pack up and clean
8:30 – 8:45	Journaling–Question of the Day
8:45 – 10:00	Travel to Upper McDonald Ranger Station
10:00 – 11:00	Upper McDonald Ranger Station Archeological Exploration
11:00 – 12:15	Travel to Big Creek
12:15 – 12:45	Lunch at Big Creek
12:45 – 2:30	Using Technology: GPS & Geocaching
2:30 – 3:15	Break & Prepare for Presentations
3:15 – 3:45	Presentations
3:45 – 4:00	Wrap-up, Evaluations, & Good-byes
4:00	Camp ends!