



Strengthening connections to the natural world through outdoor education

## 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. [Click here to apply.](#)

**Time:** The workshop will be held June 23–25, 2022. Note: Workshop begins on Thursday, June 23 at 8:30 a.m. and ends at 4:00 p.m. Saturday, June 25.

**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](mailto:register@glacierinstitute.org) or 406-755-1211.

## 2022 Camp Agenda

### Thursday, June 23

8:30 – 9:00	Arrive & move in
9:00 – 9:45	Setting the Stage – Introductions, orientation, and ice breaker *Question of the Day
9:45 – 10:00	<b>Break</b>
10:00 – 11:00	Archeology 101
11:00 – 12:00	Activity – “Mock Dig”
12:00 – 12:30	<b>Lunch at Big Creek</b>
12:30 – 1:00	Explanation of artifact project assignment: “Documenting Archeology through Art”
1:00 – 1:15	<b>Break/Prepare for hike</b>

*There's more...*

406-755-1211 | [register@glacierinstitute.org](mailto:register@glacierinstitute.org) | [GlacierInstitute.org](http://GlacierInstitute.org)

*The Glacier Institute is the official education partner of Glacier National Park and the Flathead National Forest.*



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### Thursday, June 23 *continued*

- 1:15 – 1:45 **Travel to Rocky Point Trailhead** (Pair Share – “Get to know your neighbor”)
  - 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-Night Hike*

### Friday, June 24

- 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**  
(Pair Share - “Why do you think it’s important to learn about the past?”)
  - 11:45 – 2:45 Archeology Field Trip–CCC Camp
  - 2:45 – 3:15 **Travel to Glacier Institute Office**
  - 3:15 – 4:45 Work on Presentations
  - 4:45 – 5:00 Announcements/Highs & Lows
  - 5:00 – 5:30 **Travel to Big Creek**
  - 5:30 – 6:00 **Break**
  - 6:00 – 7:00 **Dinner at Field Camp**
- Evening Activity-Evening Campfire*

### Saturday, June 25

- 7:00 – 8:00 **Breakfast**
- 8:00 – 8:30 Pack up and clean (make sure backpack is ready for field trip)
- 8:30 – 8:45 Journaling–Question of the Day
- 8:45 – 10:00 **Travel to Upper McDonald Ranger Station** (Pair Share – “Highs/Lows of Workshop”)
- 10:00 – 11:00 Upper McDonald Ranger Station Archeological Exploration
- 11:00 – 12:15 **Travel to Big Creek**
- 2:15 – 12:45 **Lunch**
- 12:45 – 2:30 Using Technology: GPS & Geocaching
- 2:30 – 3:15 **Break & Prepare for Presentations**
- 3:15 – 3:45 Artifact Project Presentations
- 3:45 – 4:00 Wrap-up, Evaluations, & Good-byes
- 4:00 **Camp ends!**