WHAT ARE YOU DOING THIS SUMMER?

Summer in Montana is a time for hanging out with friends, enjoying nature, learning something exciting outside of the classroom, AND going to a GEAR UP summer camp!

Choose from seven different camps that will help you grow and learn, experience college life, make new friends, and have fun all at the same time!
GEARing UP for College

DAWSON COMMUNITY COLLEGE
June 12–18 | Glendive | 7th–12th
GEAR UP schools: Box Elder, Hardin, Harlem, Lame Deer, Lodge Grass, Pryor, Rocky Boy, & Wolf Point

About the Camp
This camp offers a sneak-peek at college life by covering all of the events and experiences of a college semester in a week! You will role play a college student by registering for classes, working on campus, attending classes and labs, using the recreation facilities, going on fun field trips, taking finals, and participating in your own commencement ceremony.

You will love the great activities on and off the campus. High school and middle school students will have their own coursework track with the new high school program offering a career track curriculum including but not limited to: welding, law enforcement, agriculture, and music technology.

This is a residential camp for GEAR UP students entering grades 7th–12th during fall 2016.

Key Camp Activities
- Attend classes in ag-science, art, business, education, history/Native American studies, mathematics, music technology, and theatre
- Go to workshops on life-long physical activities and service learning
- Take an educational off-campus excursion
- Learn about dinosaurs, rock formation, and more at Makoshika State Park
- Enjoy hiking, foosball, pool, softball, volleyball, zumba, folf, and basketball
- Commencement ceremony and graduation celebration

About the Host College
Dawson Community College is a comprehensive community college committed to a quality education for its students. Small and personal, the college offers two-year degree programs and one-year certificates. In addition to academics, the college offers basketball, softball, rodeo, volleyball, and a variety of intramural sports activities and clubs. Dawson Community College invites you to come and Discover your world in excellent academic programs, Connect with others through campus and community activities, and Contribute to a relevant educational and lifelong learning experience.
MSU Explore: Earth & Space Science Camp

MONTANA STATE UNIVERSITY
June 26–July 1 | Bozeman | 7th and 8th
All GEAR UP schools

About the Camp
MSU Explore: Earth and Space Science Camp (ESS) is a five-day summer camp program sponsored by NASA and Montana State–Extended University. This program is designed to encourage middle school students to learn more about science, technology, engineering and math, as well as experience a taste of college life.

This is a residential camp for GEAR UP students entering the 7th and 8th grades in the fall of 2016.

Key Camp Activities
Students live in MSU dorms and choose three classes to attend all week. Classes will cover topics such as making a nature survival kit, building and launching rockets, getting behind-the-scenes at the Museum of the Rockies, engineering a Mars base, protecting Montana’s rivers and forests, and exploring black holes. Evening activities will include sports, movies, scavenger hunts and social events.

About the Host Institution
Montana State University is a public university and its primary campus is located in Bozeman. Founded in 1893, MSU offers undergraduate degrees in 51 fields, master’s degrees in 41 fields, and doctoral degrees in 18 fields. Created as a land-grant institution, MSU is a welcoming, adventurous community of students, faculty, and staff distinguished by its commitment to address the world’s greatest challenges. The university energizes individuals to discover and pursue their aspirations.

Registration Information
The registration process for the MSU Explore: Earth and Space Science Camp is different than for the other six GEAR UP summer camps listed in this booklet.

Students must complete an application and have two (2) adult references. Applications will be available from schools or online at eu.montana.edu/explore starting Wednesday, April 6. Applications and references must be received by Friday, April 22, 2016. Accepted students will be mailed a confirmation letter, workshop choices, registration and other important forms in the mail (USPS) on Monday, May 2, 2016. Accepted students will need to submit workshop choices and all other important forms by Friday, May 13. Workshop choices will be assigned as first come–first served.
About the Camp
Carroll’s Preserving the Planet camp demonstrates that the college experience extends far beyond classrooms and “book learning.” You will use the environment as a foundation to explore a range of subjects including mathematics, science, engineering, composition, poetry, photography, history, and the arts. The camp will focus on the preservation of the world and its cultures through an investigation of indigenous societies in Montana and throughout the world and the conservation of the environment.

This is a residential camp for GEAR UP students entering the 7th or 8th grades in the fall of 2016.

Key Camp Activities
• Sapphire mine activity
• A field trip to Exploration Works
• Projects include: crafting dream catchers, making rock candy, learning about sustainable building, and engineering water filters in the developing world
• Evening activities include movies such as Planet Earth and star-gazing through Carroll’s observatory
• Exploring Montana’s past at the Montana Historical Society
• A private Pow-Wow
• Observation of local flora and fauna on a hike up Mount Helena
• Amphibian surveying at Park Lake
• Pinebark beetle activity on Mount Helena

About the Host College
Students who choose Carroll College find a community that supports them as they follow their dreams, change themselves, and change the world. Carroll’s unique approach includes an education that not only prepares students to pass their courses and enter the careers of their choices but also to succeed in all arenas of life—personal, professional, intellectual, and spiritual. To create this novel educational experience, Carroll emphasizes that learning occurs in every environment to which we are exposed, not just in the classroom.
About the Camp
Innovations in Engineering and Science is a six-day overnight camp. Students arrive on Sunday afternoon and leave on Friday after lunch. Students are involved in STEM (Science, Technology, Engineering, and Math) activities and recreation. Students in Innovations will spend their time exploring the fascinating worlds of engineering and science.

Using a PEM Fuel Cell as the primary power source, camper teams design, build, and test prototype vehicles which they must then present to an audience. The AWIM Fuel Cells Challenge requires campers to explore physical science concepts such as force, friction and energy transformations as well as environmental concepts such as green design, and incorporates mathematics concepts as camper teams collect, analyze and display data.

This is a residential camp for GEAR UP students entering the 7th–9th grades in the fall of 2016.

Key Camp Activities
• Problem solve and design solutions to real life problems
• Visit and interact with engineers at the Boeing facility in Helena
• Outdoor recreation and games
• Boating, swimming, and canoeing on Canyon Ferry Lake
• Science, Technology, Engineering, and Math (STEM) projects

About the Host Organization
The Montana Learning Center (MLC) at Canyon Ferry Lake provides and promotes quality immersion experience in STEM in a unique and beautiful lakeside environment. The institute is comprised of 15 buildings on the shores of Canyon Ferry just outside of Helena. They host programs year round to promote enthusiasm for STEM and use it to: problem solve, implement processes of discovery and inquiry, inspire others to wonder about and appreciate our natural world, conserve natural resources and utilize renewable resources, make good personal decisions, and stimulate a life-long learning process. Learn more at www.montanalearning.org.
GEARing UP for Writing

MILES COMMUNITY COLLEGE
July 11–15 | Miles City | 10th–12th
All GEAR UP schools

About the Camp
Miles Community College's GEARing UP for Writing summer camp melds an authentic college experience with the exciting opportunity to learn from, and work side-by-side with, an award-winning, published author. Sneed Collard III is a proven example of turning a passion into a college degree and later an accomplished career. This camp will provide the needed tools to help students explore a future in writing while discovering the necessary educational steps to achieve their individual goals. Students—bring your ideas and allow us to guide you in becoming the next great author!

This is a residential camp for GEAR UP students entering the 10th, 11th, or 12th grades in the fall of 2016.

Key Camp Activities
- One-on-one time with award-winning author, Sneed Collard III
- Group activities depicting the college lifestyle
- Cover art and illustration workshop with professional artist, Shelley Freese
- Educational sessions on college and career planning
- Exciting events at the Miles City Public Library
- Establishment of a working outline to continue a literary work upon completion of the camp
- Outdoor recreation and games
- Building relationships to guide you throughout high school and into your college career

About the Host College
Located in Miles City, with a population of approximately 8,500, Miles Community College is situated in the history-rich region of southeastern Montana. Since its founding in 1939, Miles Community College has promoted student success and lifelong learning through accessible, quality programs and community partnerships. For the third consecutive award cycle, Miles Community College has been recognized as one of the nation's 150 best community colleges by the Aspen Institute.

Science is Cool Montana

UNIVERSITY OF MONTANA
July 18–22 | Browning | 7th and 8th
GEAR UP schools: Browning

About the Camp
Do you stare at the stars at night and wonder what it’s like to be a space explorer? Are you curious to know how rockets work? Are roller coasters similar to rockets? If you answered “yes” to any of those 3 questions, we are coming to you this summer with the answers. Science Is Cool Montana (SICM) will host a one-week camp at Blackfeet Community College. There will be lots of hands-on activities to prove to you that science—particularly space exploration and aeronautics—is interesting, fascinating, and different. You’ll be a hands-on scientist.

The first step in your journey to space begins this summer. The journey can never begin soon enough, so we have planned the camp to offer information that is just right for middle school aged students. The nice thing is you don’t have to leave home to begin your journey. Instruction will occur during the day and will also include plenty of activities and presentations about "going to college."

This is a day camp for Browning GEAR UP students entering the 7th or 8th grade during fall 2016.

Key Camp Activities
- Build model rockets
- Fly hot air balloons, construct roller coasters, and engage in other fun activities
- Learn about NASA and space exploration
- Prepare yourself for high school and college

About the Sponsoring Institution
The University of Montana, a public flagship university in Missoula, provides superior education ranging from two-year degrees to doctorates. Undergraduate studies focus on global engagement and leadership. As a research university, UM is a leader in knowledge creation, economic development, and cultural enrichment. The university's internationally recognized programs, commitment to student success, and innovating learning environment attract faculty and students from around the world.
About the Camp
GEAR UP With the Glacier Institute is a camp opportunity for hands-on, field based outdoor education. You will get to explore the Crown of the Continent’s ecosystem studying: streams, plant and animal species, fire ecology, and the endangered bull trout. This is a residential camp for GEAR UP students entering grades 7th–10th in the fall of 2016.

Key Camp Activities
- Camp in cabins at the Crown of the Continent in Glacier National Park
- Day hikes
- Scientific investigations
- Leadership and team building activities
- Mentorship and career exploration
- Survival skills

About the Host Organization
Since 1983, the Glacier Institute, a private nonprofit, has served adults and children as an educational leader in the Crown of the Continent ecosystem with Glacier National Park and Flathead National Forest as its center. Emphasizing outreach and field-based learning experiences, the Institute provides an objective and science-based understanding of the area's ecology and its interaction with people. Through this non-advocacy approach to outdoor education, participants can be better prepared to make informed and constructive decisions which impact this and other ecosystems. Learn more at www.glacierinstitute.org.
How do I sign up for camp?

• There is no charge for attending! Discuss the information in this brochure with your parent/guardian and with your GEAR UP school liaison. Decide which camp theme, location, and dates work best for you.
• Complete the on-line GEAR UP Summer Camp application form indicating your 1st, 2nd, and 3rd choices by going to www.mus.edu/gearup/camps.asp and selecting the “Register for a 2016 Montana GEAR UP State Summer Camp” link.
• You’ll be notified in early May about your camp assignment.

How do I get to camp and what should I bring?

• If you are selected for a camp, you will be notified of the transportation arrangements and the specific items you will need to bring.
• You and your parents will also need to sign and return some forms or you may forfeit your place at the camp.

Montana GEAR UP is a federal grant program working with students, teachers, and parents at 18 Montana middle and high schools. We believe that postsecondary education is possible for all Montana students, regardless of economic background. Montana GEAR UP provides funding to schools for activities such as tutoring, college visits, and summer camps, as well as funding for college application fees and ACT testing for juniors.

Summer camps are a great way for students to begin to see themselves as future college students!

Montana GEAR UP
P.O. Box 203201
Helena, MT 59620-3201
(406) 444-0056
www.mus.edu/gearup