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 6 different camps that will help you grow and learn, experience college life, make new friends, and have fun...all at the same time!

2013 State Academic Summer Camps
Dawson Community College
GEARing UP for College
Session 1: June 16-22, 2013 or
Session 2: June 23-29, 2013
Glendive

ABOUT THE CAMP
This camp offers a sneak-peek at college life by covering all the events and experiences of a college semester in one 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 campus.

This is a residential camp for students entering grades 7–12 during Fall 2013.

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
- Learn about dinosaurs, rock formation and more at Makoshika State Park
- Take an educational off-campus excursion
- 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, baseball, 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.
University of Montana
STEM* is Cool Montana
Session 1: June 17-21, Blackfeet Community College, Browning, or
Session 2: July 15-19, Aaniih Nakoda College, Harlem

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 your answer to any of those 3 questions is “yes,” we are coming to you this summer with answers. The STEM Is Cool Montana Camp (SICM) will host one-week camps at two tribal colleges in Browning and Harlem. We hope that you’ll choose one of these locations and come have some fun!

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 students entering the 7th or 8th grade during Fall 2013.

KEY 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 COLLEGE
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 innovative learning environment attract faculty and students from around the world.

*Science, Technology, Engineering and Mathematics
Carroll College
Preserving The Planet
JUNE 23-29, 2013
Helena

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. This 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 students entering the 7th–9th grades during Fall 2013.

KEY CAMP ACTIVITIES
- Water quality and mineral analysis at the Springhill Mine
- A field trip to Exploration Works
- Projects include: tile making, learning about sustainable building, and engineering water filters in the developing world
- Evening activities to include movies, viewings of Planet Earth, star-gazing through Carroll’s observatory
- Exploring Montana’s past at the Montana History Society
- A private Pow-Wow
- Observation of local flora and fauna
- 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

GEAR Up to Northern offers a hands-on experiential tour in the up-coming fields of transportation, energy and manufacturing. The campers will spend each day in a different field engaging in some aspect of the industry. You will be able to try out Diesel Technology and see what makes a locomotive run. You will see how building, welding and drafting all come together in manufacturing. You will see how energy is generated and how the energy is put to use. The camp is ready to engage you in industrial technology.

This is a residential camp for students entering the 9th–11th grades during Fall 2013.

KEY CAMP ACTIVITIES

- Experiential learning in the fields of:  
  Automotive  
  Diesel  
  Bio-Energy  
  Drafting  
  Building Trades  
  Welding  
  Engineering

- Meet campus instructors and work in the labs

- Explore the variety of careers available in the various fields

- Make positive connections between academics and vocational education

ABOUT THE HOST COLLEGE

Montana State University-Northern is north central Montana’s comprehensive university. Degree programs emphasize both technology and liberal arts and range from teacher education to engineering technology. Applied research and service functions are aligned with many of the university’s disciplines and respond directly to the region’s economic and societal needs.
The University of Montana
spectrUM Sci Camp
JULY 22-26, 2013
Arlee Public Schools, Arlee

ABOUT THE CAMP
Explore the endless possibilities in science, technology, engineering, and math in fun and creative ways! Advance your skills in science and technology and express yourself through nature, poetry, and art. Engineer puppets with moving parts, and create robots using a variety of technologies. Create LED digital bling jewelry, and explore the chemistry of cooking. The camp will culminate with a visit to spectrUM and The University of Montana, where participants will meet faculty and researchers in STEM (Science, Technology, Engineering and Mathematics) fields, tour the campus, learn about admissions, and experience what it is like to be a college student!

This is a residential camp for students entering the 7th–9th grades during Fall 2013.

KEY CAMP ACTIVITIES
- Hands-on science activities every day
- Outdoor field biology project
- Design puppets and robots
- Workshops in reflective writing and poetry
- Meet STEM role models
- Field trip to spectrUM
- Visit The University of Montana in Missoula

ABOUT THE HOST COLLEGE
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 innovative learning environment attract faculty and students from around the world.
ABOUT THE CAMP
Students attending the “Riparin’ the Past” summer camp will learn about historical Butte, Montana, how it became one of the number “1” Superfund sites in the country, and what environmental clean-up has been done to repair the Clark Fork river watershed. Each student will build their own macro invertebrate, and learn the importance of this insect in a healthy watershed, and visit sites along the Clark Fork River to test the waters. Dr. Chris Gammons will take students on a field trip to show them how and why this watershed is monitored and tested on a routine basis. We will explore the many science and engineering careers involved in watershed clean-up. Students will start preparing for a college now by building their portfolios through the Montana Career Information System. Learn to be the future stewards of Montana’s watersheds.

This is a residential camp for students entering the 7th or 8th grade during Fall 2013.

KEY ACTIVITIES
- Watershed education
- Field trips along the river
- Tour of the Lady of the Rockies
- Historical tour of the Mining City
- Navigation of MCIS
- Evening of swimming

ABOUT THE HOST COLLEGE
Montana Tech, located in Butte, Montana, is the premier STEM (Science, Technology, Engineering and Mathematics) college of the Montana University System. Montana Tech provides a challenging education for success-orientated students who have the passion and drive to become outstanding. Montana Tech is ranked the No. 1 public college in America’s “Best Regional Colleges in the West” and our School of Mining and Engineering is ranked the 40th “Best in Undergraduate Engineering” in the Best Colleges 2012 guidebook. Montana Tech is known worldwide for its mining and petroleum engineering programs. Degrees in other programs including science, health, business, communications, trades, technical education, and a variety of engineering programs.
How do I sign up for camp?

- 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. There is no charge for attending!
- Complete the on-line GEAR UP Summer Camp application form indicating your 1st, 2nd, and 3rd choices by going to www.mus.edu/gearup and selecting the Summer Camp option. Click on the link at the bottom of the camp information page to access the registration form. 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, the host college will notify you 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 by May 17 or you may forfeit your place at the camp.

For more information contact:

- Your school’s GEAR UP liaison is available to talk to you and your parents.
- Paula Roe, College Access Manager, 406-444-0350 or proe@montana.edu.

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!