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ROCKY MOUNTAIN SUMMER SCHOOL

OF
McPHERSON COLLEGE

AT
PALMER LAKE, COLORADO

June 11 - July 20 and July 23 - August 31



The Upper Reservoir of Palmer Lake.
A spot frequently visited by the U. S. S.

Where Public School Teachers May Continue School Work and Recreation

A NEW IDEA FOR SUMMER SCHOOL

Rocky Mountain Summer School

THE FACULTY.

The faculty of the Rocky Mountain Summer School will consist of the professors of the McPherson College faculty with the addition of Miss Sadie Glucklich, who is a specialist in Education.

THE CALENDAR.

The Rocky Mountain Summer School will be in session for a period of twelve weeks this summer. The first term opens Monday, June 11, and closes Friday, July 20, and the second term opens Monday, July 23, and closes Friday, August 31.

THE CREDITS.

A student may carry six (6) hours work during the first summer term of six weeks, which will give him six hours of college credit. An equal amount of credit can be earned during the second summer term, giving a student a total of twelve hours college credit for the Summer School. McPherson College is a fully accredited member of the North Central Association of Colleges and all work done at the Rocky Mountain Summer School receives full credit toward the Bachelors degree.

1. PURPOSE.

The Rocky Mountain Summer School camp has been established in order that public school teachers and college students, who find it necessary or desirable to earn college or normal credits during the summer months may do so while enjoying the recreative surroundings which the mountains alone can afford. Life at the Rocky Mountain Summer School will be that of a summer camp, close to nature. Study combined with

Reddy Mountain Summer School

recreation, just what the teacher needs after the strenuous confinement of the school year.

The work offered will be in every way standard. Credits will be issued from the home office of McPherson College.

THE OZONE OF THE ROCKIES.

Day by day the glowing sun had been flinging its burning rays upon the parched fields of the prairie. Steadily the sultry heat was growing in extent and in intensity until the great plains resembled a heated oven, that was radiating an exhausting heat day and night. Many of the inhabitants were leaving



Sanderson Cliffs at Raspberry Falls.

before this onslaught of summer to seek refuge in the mountains. The crowded conditions of the trains added further to the discomforture of the heat. All day long the dust and the cinders were cleaving to our perspiring hands and faces, and it was not until late at night that we fell asleep from exhaustion. Next morning what a change! When we awakened we found

ourselves among the Rocky Mountains. The air was light and fresh as on a crisp October morning, and the pure ozone that rolled from the snowrapped mountains flowed into our lungs like streams of elixir. We had passed into another realm—the Grandeur of the Rockies.

THE MILLION DOLLAR VIEW.

Palmer Lake, the headquarters of the Rocky Mountain Summer School, is nestled securely in the lap of the first range of the Rockies. Toward the east of us lies a broad valley intersected by wooded streams, long, slowly moving railroad trains, and busy automobile highways. Beyond this beautiful broad valley we can see hills framing this scenery with a forest of evergreen trees. Immediately toward the rear stand the Rocky Mountains rising abruptly from the valley and extending in a direct line from Colorado Springs toward the north until the last peak is lost in the dim maze of the horizon. Deeply cut by canyons and gorges into separate peaks, this chain of mountains appears like a line of sentinels somber and majestic guarding the treasures of this fairy land against the encroachment of man.

THE FAIRY LAND.

Occasionally our Summer School proceeds up one of these fantastic canyons into the interior recesses of these mountains. At first the path leads along the edge of a swift little stream between two granite mountain sides a thousand feet high. Then gradually the winding path picks its way around boulders and over shoulders ever rising higher and higher on the mountain flank. Hundreds of feet below still flows the silvery little mountain stream while an equal distance overhead tower the granite peaks. The boulders on these mountain crests are weathered and worn into most fantastic figures. Some mountain peaks resemble church spires pointing toward the skies, others appear like ancient feudal castles guarding some hidden treasure, while still other boulders re-



Nature is a playful mood piled up
rocks two feet high.



At this date of "Highway One"
guarded by natural stone two
feet high.



"The Fortuit" wind sculpturing
on Raspberry Brits.

semble vast prehistoric animals roaming these fantastic regions. Occasionally our path leads us by quiet mountain lakes or dashing waterfalls. Then again we pass an adjoining canyon that is literally filled with rocks and boulders as though the very mountains had fallen upon each other in ruins. It is impossible to live here and look upon this grandeur and sublimity of nature without coming into closer contact with its divine architect, and thus being made better in body and soul by his handiwork.

The Rocky Mountain Summer School offers a limited number of courses i. e. those for the teaching of which the local environment is especially adapted, and those for the teaching of which the necessary equipment in laboratory and library facilities may be conveniently transported or otherwise provided. The library facilities are supplemented by a free use of the Public Library in Colorado Springs which can be reached by ample train service or by auto.

COURSES OFFERED.

Nature Study and Biology.

Birds: This course is designed to give the student an acquaintance with birds such as is needed in properly presenting the study in high school or the grades; and also to develop an intelligent interest in the various phases of bird life. Lectures, laboratory work, and field work. 3 hours credit.

Botany: A general course in Botany. The aim is to give the student a knowledge of the lower plant forms together with a study of the higher plants. Various plant forms are to be found in great abundance in this region. Lecture and laboratory work. One field trip weekly. Three hours credit.

Systematic Botany: A course offered for students having had a general course in Botany, also for students desiring to do advanced work in this line. The flora of the Rockies is unique in the abundance of species that are to be found. Laboratory and field work. By appointment.

Fresh Water Zoology: A laboratory course in the study of the life of pond and stream. Methods of collecting, studying

and classifying invertebrate animals and a consideration of certain biological principles. Lectures, field and laboratory work. One to three hours.

Descriptive Geology: A course dealing with the general principles of diastrophism, vulcanism and gradation, with a verification of these principles in the field. The local conditions at Palmer Lake are unusually good for field work and much time is given to it. Eighteen (18) different formations



A striking example of erosion in the Fountain Formation at Ferry Park. Note the man standing on the highest peak.

are within two hours drive and many different types of erosion are presented. Castle Rock folio, U. S. Geol. Surv., is used as field guide. Three hours credit.

Geology 2 is a continuation of Geology 1, with the field work centered in the Colorado Springs Quadrangle, the folio of which is used as field guide.

HISTORY.

1. Modern History: Emphasis is laid on the development of the various movements and institutions that have made the nations of Europe really modern. This course traces the

complex movements of European nations even through the World War and present existing conditions. Three hours credit.

2. **American History:** This is an extensive and detailed course covering the entire field of American History. Special emphasis will be placed upon the political, industrial, social and educational developments of our nation, and its interrelations with other powers. Three hours credit.

LITERATURE.

1. **Shakespeare:** This is an intensive course in the study of Othello. A detailed study is made of the Grammar, Rhetoric Prosody, Textural criticism, Character analysis, Psychological reactions of the characters and the Plot of the play. Investigations to determine the validity of the psychological deductions. Three hours credit.

2. **The Development of the Novel:** This course offers an historical survey of the English novel. The individual periods with their outstanding authors will be carefully studied, and representative works of the successive periods will be read and analyzed. Three hours credit.

SPANISH.

1. **Elementary Spanish:** Careful attention is given to the Castilian pronunciation. The essentials of grammar and syntax are carefully outlined and committed to memory and constantly applied in written and oral exercises. Reading and translation of easy prose. Six hours.

2. **Modern Spanish Writers:** A thorough review of the grammar. Careful attention is given to correct reading, accurate translation, and the grammatical constructions of the writings of modern authors. Exercises in composition and conversation. Six hours.

FRENCH.

1. **Elementary French:** The essentials of Grammar. Text: *Fraser and Squair*. Careful drill in pronunciation, accidence

and syntax. Daily exercises in translation and elementary composition, together with conversation. Six hours.

2. French Prose Writers: A thorough review of the essentials of grammar. Reading and translation of selections from classical authors. Exercises in dictation, composition and conversation. Six hours.

PRIMARY METHODS.

A study of the modern methods of teaching children in the primary grades. Special emphasis will be on the teaching of Reading, although Arithmetic, Phonics, Writing and Language will be discussed. Three hours credit.

HAND WORK.

Practical work for teachers in hand work that will correlate with Language, Reading, and Nature Study in the primary grades. Three hours credit.

GENERAL METHODS.

This course presents practical methods of teaching. It will discuss teaching as a scientific profession as well as a field of current educational problems. Three hours credit.

PSYCHOLOGY.

This is an elementary course in Psychology. Special discussion of its application and practical use in the school room will be helpful to teachers. Three hours credit.

PRINCIPLES OF EDUCATION.

A course in the using of the principles which govern modern education. Three hours credit.

EXCURSIONS.

Palmer Lake is very fortunately situated with reference to many points of scenic as well as scientific interest. And students in the past have been surprised at how small an expense all of these points of interest can be visited from Palmer Lake when done in connection with the school.

Perry Park: Lying ten miles to the north similar in its geologic aspects to the Garden of the Gods but much more extensive and exhibiting a greater variety of formations. Perhaps no other section in the front range of the Rockies presents so many points of interest to the average student as Perry Park. It is privately owned and is not open to the public, but through the courtesy of Mr. Robert Lamont, owner of the ranch, we were privileged to visit it for purposes of study.

Beaver Dams: Few persons of the present generation have been privileged to see the beavers in their native habitats. Yet this most interesting animal is common about Palmer Lake.



One of the Ten Beaver Dams in Look's Creek Canyon, "hard by Palmer Lake."

They are occasionally seen within the city limits and a two-hour walk will take one to where they are present in thriving colonies. One or more excursions will be made during each term back into the wilder sections where the largest colonies thrive and students will be given an opportunity to become acquainted with these most interesting animals.

Elephant Rock: This grotesque figure resembling an elephant, is the result of weathering in the upper layers of the

Dawson Arkose, two miles east of Palmer Lake. It stands about one-hundred feet high and is approximately two-hundred feet long. From the back of the elephant an excellent view is had of Pike's Peak and other surrounding points. It is of special interest to students of geology, who find in it many types of erosion at work.

Another trip which proves of very great value and interest to our students is to take a basket lunch, leave Palmer Lake at 7 A. M. and visit the following points: Woodman Sanitorium, Garden of the Gods, Cave of the Winds, Iron Springs and South Cheyenne Canon, including Seven Falls. Much of educational interest is seen on this trip besides the very excellent outing. The Cave of the Winds presents some of the very best examples of cave formations.



One of the many thick spots within a few minutes walk from Palmer Lake.

Petrified Forest and Gem Mines: Probably the most unique trip of all lies via Ute Pass to the Petrified Forest and thence to Gem Mines, stopping an hour on the way for fossil digging in the Florissant Shales, which are known the world over for their richness in certain groups of fossil remains. The Petrified Forest consists of many large stumps and logs—now solid stone—some of which are 20 feet in diameter. It lies in what was once a large crater and later a lake, and on close study discloses a very complex and interesting geologic history. The Gem Mines, eight miles away, are equally worth while

as here we may see tons of precious stones and the place and manner of their recovery from the rocks. Some of the specimens to be found there are: Amazon stone, Albite, Orthoclase, Topaz etc.

Many other trips may be made on foot or on horse-back to such points as the Upper Reservoir, Balanced Rock, The Beaver Dams, The Flay Blocks, Winding Stairs, The Loop, etc. Special excursions are planned for each Saturday, in which each student is welcome to participate. Special rates are made to students which bring these excursions within reach of all. The following list for example, may be taken by a student at a transportation cost of approximately ten dollars (\$10.00) for all:

1. Perry Park
2. Winding Stairs
3. Petrified Forest, Gem Mines, Fossil Beds.
4. Five in One, including Woodman Sanitorium, Garden of the Gods, Cave of the Winds, Mineral Springs, South Cheyenne Canon, etc.
5. The Loop.
6. Black Forest.
7. Balanced Rock.



Mt. Cheyenne, rising sharply from the city hills.

BUILDINGS AND EQUIPMENT.

The public school building of Palmer Lake is given over to our use for the summer and two rooms have been provided

with tables for laboratory purposes. The City Hall is also granted for our use in case it is needed. An auditorium of ample capacity has been purchased by the cottage owners of Glen Park and put into shape for use of public gatherings. This will be open to the Summer School for general gatherings and public meetings. A new school building is expected to be completed by September 1923, which will add greatly to the equipment for succeeding seasons.

Laboratory equipment consisting of microscopes, chetals, stuffed birds and other apparatus and supplies necessary for the courses offered are transported from McPherson. Likewise BOOKS for reference in all of the courses offered are transported from the general library at McPherson College. In cases where our own library facilities at Palmer Lake are not sufficient the public library at Colorado Springs is quite well equipped and ample train service renders it quite convenient.

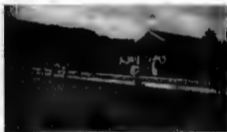
EXPENSES.

Matriculation Fee.....	\$2.00
Tuition per semester hour.....	2.00
Laboratory Fees.....	
Botany	1.50
Birds	2.00
Geology	1.00
Ecology	2.00
Entomology	1.00

Living Expenses: The living expenses compare very favorably with like expenses in the average college town. Board and room can be obtained in hotels or private boarding houses at rates from \$7.00 per week to \$12.00. Many students find a considerable saving in expense by several going together and renting either rooms or a small cottage and boarding themselves. Cottages sufficiently large to accommodate three persons rent from \$40.00 per season up.



Many summer cottages are available among the
spruces and pines at very reasonable rates.



Free Swimming Pool at Pine Crest.