
MEMO—OFFICE OF THE PRINCIPAL

Date: February 10, 2017
To: Dr. Kent Mutchler *OK*
From: Mr. Tom Rogers
Re: Grand Canyon Trip Proposal – Summer 2018



GHS Science teacher, Fred Fortman, would like to request permission to organize an out-of-state field trip during the summer of 2018 to the Grand Canyon. The purpose of the trip is to provide an opportunity for students to gain an understanding of the science of these ecosystems and the need for their continued protection and study. The tentative itinerary and trip details are as follows:

1. Trip Dates: Summer 2018 (June 8 – June 12)
2. Number of Students: 35+
3. Transportation: Airlines (TBD) and Motor Coach
4. Cost of Trip: Approximately \$2,057
5. Adult Chaperones: Fred Fortman
GHS Faculty Members
6. Goals:
 - a. To provide an opportunity for students to gain an understanding of the science of these ecosystems and the need for their continued protection and study.
 - b. To pair the concepts of Earth Science, Biology, Horticulture and Astronomy taught in the classroom with real life examples.
 - c. To open up the students to hands on lessons in science and history and enjoy the character building benefits of travelling to new places and meeting new people.

Who: Geneva Community High School

When: June 8-12, 2018

Students: 35+

Adults: 1:10 ratio

All Inclusive Price: \$2,057

The Majestic Grand Canyon



Grand Canyon Trip Proposal

Pricing is all Inclusive and cover the following:

- *Round Trip Airfare
- *All Transportation (Motor Coach)
- *All Meals (3 Per Day)
- *24 Hr Full time Experienced Guide
- *All Lodging (3-4 students, 1-2 Adults) with private Group Security
- *All Programs, Activities, Admissions, Taxes and Gratuities
- *Medical and Liability Insurance
- *Optional Trip/Travel Insurance
- *All Customer Service and Accounting
- *1 free chap for 10 traveling students (10:1)

ample Detailed Itinerary:

Day 1:

Early Morning
Departure from Miami
Arrive in Las Vegas
Meet your Grand Classroom Guides at Baggage Claim
Depart for Zion National Park
Hike the Emerald Pools and Angels Landings: Learn the Parks diverse plant and animal communities, fascinating human history and unique geological history
Depart for Kanab UT
Checkerboard Mesa
Dinner
Check into Hotel, Kanab, UT

Day 2:

- Hotel Breakfast
- Depart for Bryce Canyon National Park
- Hike the Canyon Rim: Bryce transcends 2000 feet (650 m) of elevation, the park exists in three distinct climatic zones: spruce/fir forest, Ponderosa Pine forest, and Pinyon Pine/juniper forest. This diversity of habitat provides for high biodiversity.
- Hike into the Canyon, Navajo Loop through the Hoodoos of the Queens Garden: "hoodoos," are formed when ice and rainwater wear away the weak limestone the hoodoos' geologic story is also closely tied to the Grand Staircase region and volcanic complex
- Dinner
- Coral Pink Sunset Dunes State Park
- Return to Hotel in Kanab

Day 3:

- Hotel Breakfast and Check out
- Depart for Page AZ
- Antelope Slot Canyons: Concepts of weathering and erosional forces
- Float Trip down the Colorado River: Geological History of canyon and Native American History
- Depart for Flagstaff AZ
- Wupatki Indian Monument: Explore these historic Native American Ruins and learn the significance of Native American living and culture
- Sunset Volcanic Craters: Hike the ancient Basaltic Lava Flows first hand while investigating volcanic processes and formations
- Dinner
- Indoor Rock Climbing
- Check into Hotel

Day 4:

- Hotel Breakfast
- Depart for Grand Canyon National Park: Visiting various sites throughout the Canyon along the South Rim, Examine a comprehensive overview of geological history, minerals, rock cycle and other earth processes. Discover the rich history and culture of native people and settlement of the region and environmental factors that shape this one of a kind landscape
- Mather Point
- Hike the Kaibob or Bright Angel Trail to Ohh- Ahh Point
- Desert Watchtower
- Navajo Cameron Trading Post
- Return to Flagstaff
- Dinner
- Lowell Observatory: A in depth lesson in astronomy, view various features in the night sky throughout our solar system and the universe through numerous high powered telescopes
- Return to Hotel

Day 5:

- Hotel Breakfast and Check out
- Depart for Sedona AZ
- Hiking at Red Rocks in Sedona: This geologically unique area situated between 2 rivers give this park a diversity of riparian and upland plant and animal communities.
- Depart for Las Vegas
- Tour of Hoover Dam: learn the workings of this incredible man made structure. Concepts of water flow, water diversion and usage, hydroelectric power, human and environmental impacts are discussed
- Dinner
- Depart for Airport
- Flight Home