

Parkers Prairie High School South Dakota Field Investigations Trip May 14-18, 2012



Itinerary and Schedule

Day 1 - Monday, May 14, 2012

- 6:15 a.m. Buses arrive in Parkers Prairie - load students, parent chaperones, staff and gear
- 6:45 a.m. Buses leave Parkers Prairie for Lake Benton
- 10:00 a.m. – 11:00 a.m. **Stop 1.1: Wind energy & electric power generation in southwestern Minnesota.**
Visit to wind towers - Discussion with Heather Ulrich and Jim Nichols
- 11:15 a.m. – 11:45 a.m. Travel to Pipestone National Monument (approximately 20 miles)
- 11:45 a.m. – 2:30 p.m. **Stop 1.2: Geology and cultural history of Pipestone National Monument.**
Visitor's center, carving of pipestone and trail geology
- 2:30 p.m. – 3:15 p.m. Travel to Devils Gulch, SD (approximately 30 miles)
- 3:15 p.m. – 4:15 p.m. **Stop 1.3 Devils Gulch Recreation Area - Jesse James history and area geology**
- 4:15 p.m. - 6:00 p.m. Travel to Mitchell KOA.
- 6:00 p.m. Camp: Mitchell KOA, dinner

Day 2 - Tuesday, May 15, 2012

- 6:30 a.m. First wake-up call
- 6:30 a.m. – 7:30 a.m. Strike tent, eat breakfast, pack bus
- 8:00 a.m. – 11:30 a.m. Leave for Badlands National Park (approximately 210 miles)
(Note: We gain 1 hour!)
- 11:30 a.m. – 1:00 p.m. **Stop 2.1 Badlands National Park, overlooks (lunch)**
- 1:00 p.m. – 4:00 p.m. **Stop 2.2 Collecting activity and investigation: Agates & fossils, Buffalo National Grasslands**
- 4:00 p.m. – 6:30 p.m. Travel to Hot Springs KOA
- 6:30 p.m. Camp: Hot Springs KOA, dinner

Day 3 - Wednesday, May 16, 2012

- 6:30 a.m. First wake-up call
- 6:30-7:30 a.m. Breakfast, tidy camp

8:00 - 8:30 a.m. Depart for Wind Cave National Park

8:30 a.m. – 11:00 a.m. **Stop 4.1: Wind Cave National Park**
Environmental Assay Investigation (our staff and students)/Group Presentations

11:00 a.m. to 11:30 p.m. Lunch - Picnic Area, Wind Cave

11:30 p.m. – 12:30 p.m. Travel to Hill City

1:00 p.m. – 2:30 p.m. **Stop 4.2: Black Hill Geology Research Institute.** Presentation by Neal Larson
Emphasis: Fossils and Exploration

2:30 p.m. – 3:30 p.m. **Travel to Wind Cave**

4:00 p.m.-5:00 p.m. **Stop 4.3: Wind Cave National Park**
Tour at Wind Cave: 4:00 p.m. - Groups 2 and 3 / 4:15 - Groups 1,4,5

5:00 p.m. – 5:30 p.m. Travel to Cascade Falls

5:30 p.m. – 7:00 p.m. Swimming / Supper at Cascade Falls (Dependent on weather!)

7:30 p.m. Camp: Hot Springs, KOA.

Day 4 - Thursday, May 17, 2012

6:00 a.m. First wake-up call

6:00 a.m. – 7:00 a.m. Breakfast

7:00 a.m. – 10:00 a.m. Travel to Devil’s Tower, Wyoming

10:00 a.m. – 1:00 p.m. **Stop 3.1: Devil’s Tower: Igneous rock and area plate tectonics**

1:00 p.m. – 3:00 p.m. Travel through Spearfish Canyon to Lead (90 miles)

3:00 p.m. – 3:30 p.m. **Stop 3.2: Homestake Museum, Lead, SD**

4:30 p.m. – 5:45 p.m. **Stop 3.3: Mount Rushmore**

5:45 p.m. - 6:45 p.m. Camp: Hot Springs, KOA

Day 5 - Friday, May 18, 2012

6:30 a.m. First wake-up call

6:30 a.m. – 7:30 a.m. Breakfast, strike tent, pack bus

8:00 a.m. Leave camp for Parkers Prairie

~7:00 – 8:00 p.m. Arrive back in Parkers Prairie (Note: We lose one hour enroute!)