

Name: \_\_\_\_\_

Wear: sensible shoes  
sun protection (hat, ...)  
pants (some brambles)

Bring: water !!  
snack

Optional:  
camera  
binoculars

Yours to keep... you don't have to hand this in.

**Earth Science Outside –  
LANDFORMS of the Wasatch Front  
(Geologic Features of Salt Lake County)  
Field Trip – bus by Granite District... many thanks**

The purpose of this field trip is for you to practice recognizing geologic features and geologic processes of Salt Lake County so you can see them all along the Wasatch Front.

Specifically, I want you to see:

- local features such as the slope of the land
- regional features especially the mountain / valley relationship
- evidence of earthquake processes (faults on the east and west sides of the valley)
- evidence of Lake Bonneville
- evidence of erosion and deposition by glaciers.

COMPLETE THIS ASSIGNMENT as best you can as we drive it. The more you complete of it... the more you'll see landforms (nifty)... and be able to use as a field guide later.

Begin: Hillsdale Elementary School, 3275 West 3100 South  
Stop #1: Wasatch fault zone, 400 South and 1100 East.  
Stop #2: Lake Bonneville features, Wasatch fault zone, Big Cottonwood Canyon.  
Stop #3: Glacial features, Lake Bonneville features, Wasatch fault zone, Little Cottonwood Canyon.  
Stop #4: Along the West Valley fault zone  
End: Hillsdale Elementary School.

## Probable Route of the field trip

### **Hillsdale... East on 3100 South to Redwood Road.**

North on Redwood Road to 2100 South. (not freeway)

East on 2100 South to 700 East.

North on 700 East to 400 South.

East on 400 South (which becomes 500 South) to 1300 East.

North on 1300 East to 400 South.

West on 400 South to Faultline Park.

### **STOP 1 – Faultline Park**

North on 1000 East to 300 South.

East on 300 South to 1300 East.

South on 1300 East to 500 South.

East and south on Foothill Drive to I-215

South on I-215. Exit at 4500 South

Cross to the east side of the freeway and continue south on Wasatch Blvd to Gun Club Road (6475 South).

Turn left, east, on to Gun Club Road at 6457 South to the Gun Club.

### **STOP 2. Turn about on the climb to the former gun club. Overview of Bonneville shorelines and Wasatch fault zone.**

From the Gun Club Road, return to Wasatch Boulevard. South to 9600 South (continue on Wasatch Boulevard at intersection to La Caille restaurant).

At 9600 South and Little Cottonwood Road, turn west into parking lot.

### **STOP #3. G.K. Gilbert Geologic Park. Glacial features, Lake Bonneville features, and features of Wasatch fault zone.**

West on 9600 South to I-15 ... or... drivers choice... to I215

West on I-215 to Redwood Road exit.

North on Redwood Road to 4100 South.

West on 4100 South to 3200 West.

North on 3200 West to 3835 South.

East on 3835 South to Granger LDS Stake parking lot.

### **STOP #4. West Valley fault zone.**

Leave the parking lot, turn left (east) onto 3835 South for a short block.

North (left) on Market Street, 2790 West for one block to 3785 South.

West (left) on 3785 South, (go one block to 2855 West = American Drive).

North (right) on 2855 West = American Drive paralleling the fault.

West (left) at 3650 South = Lancer Way (to 3200 West).

North (right) on to 3200 West (to Hillsdale Elementary).

### **END field trip at Hillsdale Elementary.**