

## **West Austin Hill Country Middle School**

### **Objectives**

- Students will identify the Balcones Fault Zone.
- Students will explain the geologic and geographic features on each side of the fault line.
- Using the web site, the students will identify multiple faults that make up the Balcones Fault Zone.

### **Procedures**

1. Students look at pictures of the Balcones Fault Zone and identify the geologic features found on either side of the fault. List the features and give a brief description of each.
2. Students use the web site to find out the different faults found along the Balcones Fault Zone. Have the students use a simple topographical map of the area to mark and label the faults.
3. Students use the above information to compare the area where they live to the Balcones Fault Zone in geographic terms.

### **Assessment**

Using the products from the above procedures, have the students make up a new island that contains all of the features. They should explain how the geographic features are affected by climate and weather. This project can be in the student's choice of format – multimedia, paper, poster, etc.