***EXTRA CREDIT: Can Earthquakes Happen in Colorado?***

***Answer the following questions in COMPLETE SENTENCES on your own sheet of paper.***

* *Log onto* [*http://earthquake.usgs.gov/earthquakes/?source=sitenav*](http://earthquake.usgs.gov/earthquakes/?source=sitenav)

1. Read “Today’s Earthquake Fact.” Write it on your paper.

* ***Click*** *on “Latest Earthquakes” towards the bottom of the page A list of the latest earthquakes will come up. In the upper right hand corner* ***click*** *on the icon of a globe. .*

1. Have there been any earthquakes in Colorado in the last day? If so, how many? How big were they?

* *Let’s see what has happened in the past week. In the upper right hand corner* ***click*** *on the setting icon (the one that looks like a gear). Select “7 Days, All Magnitudes Worldwide”. Click on the globe icon to return to the map.*

1. Have there been any earthquakes in Colorado in the past week? If so, how many? How big were they?

* *Go to* [*http://earthquake.usgs.gov/earthquakes/states/?region=Colorado*](http://earthquake.usgs.gov/earthquakes/states/?region=Colorado) *and investigate Colorado’s earthquake history.*

1. When was Colorado’s largest Earthquake? How big was it? Where was it located? When do they think another “big one” will occur?

* *Click on “Historic Earthquakes in Colorado”*

1. Read about the August 9, 1967 earthquake that occurred in Denver. What was the magnitude? How many earthquakes were recorded in the area in 1967? Why do they believe these earthquakes occurred?

* *Investigate other earthquakes in Colorado.*

1. Look at the Seismicity Map of Colorado. From 1973 – 2012 where have most of the earthquakes in Colorado occurred?
2. When was the last notable earthquake in Colorado? What was the magnitude? Where was it located?