



Take the Earth for a Spin!



Find "Google Earth" icon on your desktop and double click to open it. Use Google Earth to complete the Landform Challenge. It will help if you have completed the Physical Geology Lab first.

Landform Challenge: 'Take the Earth Out for a Spin'

- Using Google Earth, give the globe a spin and click to stop it at some random location on Earth. (If you don't like your location, give it another spin.)
- Record: Longitude _____, Latitude _____, and Elevation _____
- Which of the 15 major crustal plates are you in? _____
(Be sure to describe your location within the plate (middle of plate/edge of plate/etc.))
- Which types of landform(s) are at your location? (mountains/plains/desert/etc.)
Examples of Major Landforms: (you may need to "Google" them for more details)
Mountain Ranges / Volcanic mountains / Plateaus / River Valley / Plains / Valleys / Deserts / Glacier / Waterfall / Sound / Strait / Gulf / Fjord / Canyon / Cove / Cave / Ocean / Sea / Mid-ocean Ridge / Ocean Basin / Ocean Trench / Ocean Plateau / Continental Shelf / Abyssal Plain / Island / Volcanic Island Arc
- Describe the landform(s) in detail
- How did this major landform "form"? What *geologic processes* were involved? (see Quest. 2)
- How might this landform change over the next 100 million years?