

MOUNTAIN FORMATIONS

Name _____

Purpose: To 'experience' a virtual field trip using Google Earth on different types of mountain formations.

Directions: Open Google Earth and complete the following activities. Save this file as

Layers: Check the following layers only: Borders and Labels, Under Labels-Geographic Features, Volcanoes (under Gallery), Geographic Web

Go to the website: <http://www.woodlands-junior.kent.sch.uk/Homework/mountains.htm> Use this website to help identify one mountain from each of the 4 types of mountains: Folded, Fault Block, Dome, and Volcanic (use section 5.3 for examples). Also travel to the Tibetan Plateau for your last field trip.

For each of the locations you visit, describe the appearance of the mountains in this area. Comment on issues concerning a lot/little vegetation, are they snow capped, what shape are they, do they connect to each other or are they isolated peaks? Describe when the mountains formed and how they formed. Find the highest peak in each range in meters and feet. Click on the highest peak (green mountain icon), read the summary of the mountain and fly on a tour.

Fill in your descriptions below:

Type of Mountains	Appearance	Shape	Formation	Name of highest peak and elevation	2 Interesting Facts
<u>Folded</u> Name-					
<u>Fault Block</u> Name-					
<u>Dome</u> Name-					
<u>Volcanic</u> Name-					
<u>Tibetan Plateau</u> Name-					

You're in the pilot's seat now! Zoom down between 5000 and 10,000 feet ('eye' altimeter is in bottom right of screen). Go to tools menu and 'enter flight simulator'. Choose your aircraft and select 'Current View' to begin your flight. Try not to crash. Do a flyby over the area. Use mouse/arrow keys for flight. Press space bar to pause if necessary. Click the 'exit flight simulator' button in upper right when finished.