

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



# 10 Minutes with Science: Geographical Accidents

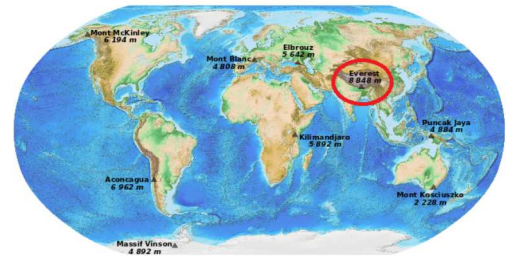
**Mountain: Natural elevation of high altitude terrain**



## MOUNT EVEREST



Mount Everest is the highest mountain on Earth. It has a height of 8863 meters, about 29,078 feet. It is located on the Asian continent, more specifically in the Himalayan mountain range, on the border with Nepal and Tibet in China. It is considered the border between the two highest countries in the world.



Although known by most as Mount Everest, it goes by other names in some countries. It is called Chomolungma, Mother of the Universe, in Tibet and Sagarmatha, the forehead in the sky, in Nepal.



Even though it seems impossible, many experienced mountaineers decide to climb Mount Everest to touch the point highest on the planet every year. It is not an easy climb because of the freezing temperatures, 20 to  $-70^{\circ}\text{C}$ , the height, wind, altitude sickness, snowstorms, and the danger of avalanches. Before you can climb Everest, you have to get a special permit, which can cost up to 10,000 US dollars.



They have to wear special clothes with thick goose feather stuffing, which protects them from freezing temperatures. They also carry nylon ropes, wear boots with nails in them called crampons to grip the ice, and use ice axes to hold and stop them, in case they start slipping.