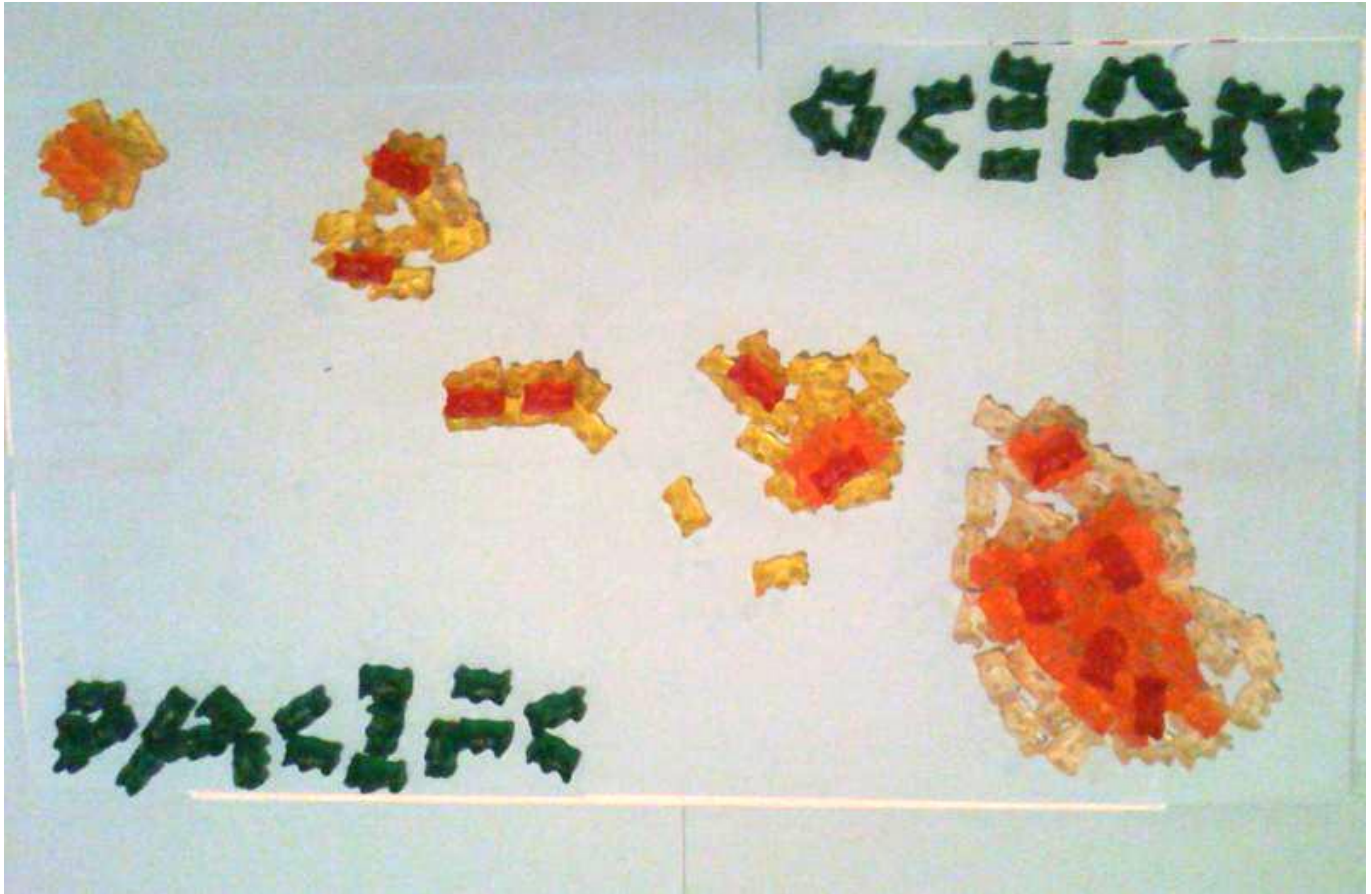


# HAWAIIAN MOUNTAINS – Amanda McIntosh – Fall 2010



Located in the Pacific Ocean, Hawaii is moving about 10 centimeters a year to the North West where the plate is subducting. Eventually Hawaii will disappear due to the subducting plate.

Hawaii originally formed from a hot spot, millions of years ago. Many people don't think of the Hawaiian Islands as mountains because most of Hawaii is under water. Hawaii's mountains are volcanic mountains.

Hawaii consists of five volcanos, the oldest being Kohala. Kohala emerged from the ocean around 460,000 year ago and is now extinct. The tallest volcano and second oldest of Hawaii's volcanos is Mauna Kea, which last erupted 4,500 years ago. Mauna Kea is the world's tallest mountain standing over 33,480 feet tall, although only the top 13,840 feet are above sea level. The youngest of Hawaii's volcanos is Kilauea which is the most active of Hawaii's volcanos erupting all the time.

## Color Code:

**Green:** Words

**Yellow:** Land/base of visible mountain

**Orange:** Mountain

**Red:** Volcano

## References:

<http://golf-for-beginners.blogspot.com/2010/06/hawaii-golf-courses-in-oahu-and-maui.html>

<http://academic.emporia.edu/schulmem/hydro/TERM%20PROJECTS/2007/Flory/hydroproject8.html>

<http://www.instanthawaii.com/cgi-bin/hawaii?Hawaii>

*Post project, these islands were gradually eroded below sea level by author's brother!*