
PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

1. Reading Material “Processes in the Ocean” (can be found on the school website on our class homework page or use the link provided in the assignment in the Classroom), be ready to answer questions during our next lesson.
2. What creates surface currents in the ocean?
3. Where do deep cold ocean currents form (start)?
4. Alcatraz was a maximum high-security Federal prison on Alcatraz Island, **just 1.25 miles off the coast of San Francisco, California**, which operated from 1934 to 1963. During its 29 years of operation, the penitentiary claimed that **no prisoner successfully escaped**.

Out of 14 escape attempts made by a total of 36 prisoners, 7 men were “lucky” enough to get “safely” into the water...

Question: what is the main NATURAL reason why they were not able to reach the shore? (Hint: Natural means “coming from nature”. Refer to Slide #3-4 of Lecture 20; look specifically for the *surface current* that passes Northern California...what kind of current is that?)