Science Inquiry Rubric

4= 100% I did more than what was expected	**3=87%** I met the expectations.	**2=73%** I met some of the expectations.	**1=60%** I didn't meet most of the expectations.
My Focus During Science: • I followed all directions. • I effectively use my time to complete the activities and investigations. • I don't distract or get distracted by other scientists.	**My Focus During Science:** • I followed directions most of the time. • Most of the time I effectively use my time to complete the activities and investigations. • I don't distract or get distracted by other scientists.	**My Focus During Science:** • I followed directions some of the time. • I did not complete the design of an investigation • I distracted or was distracted by other scientists	**My Focus During Science:** • I followed directions after many reminders or didn't follow directions. • I didn't complete the activity • I distracted or was distracted by other scientists.
Scientific Thinking: • I can explain how I used my background knowledge and previous findings to design my experiment • I can thoroughly explain how the data/results/observations support my conclusions. • I make connections to previous learning or situations where similar things happened. • I generate new questions to investigate. • When I write or talk about science, I regularly and accurately use scientific vocabulary	**Scientific Thinking:** • I use my background knowledge and previous findings to design my experiment • I analyze the results to draw accurate conclusions. • I make connections to previous learning. • I generate new questions to investigate. • When I write or talk about science, I accurately use science vocabulary.	**Scientific Thinking:** • My experiment wasn't supported by any background knowledge or previous learning. I'm guessing. • I'm not collecting accurate data/observations. • I draw conclusions that aren't supported by my data or my conclusions aren't accurate. • I can make connections to previous learning with some help. • I am focused on answering the question at hand without generating new questions. • I occasionally use scientific vocabulary	**Scientific Thinking:** • I didn't design an experiment before investigating. • I do the steps of the investigation without collecting data, making observations, and drawing conclusions. • I don't use what I learned from previous investigations. • If a problem arises during an investigation, I get stuck. • I'm not using science vocabulary
Working with Lab Partner: • Our conversation is focused on the topic it should be. • I build on my partner's ideas instead of just taking turns sharing. • I use evidence to support my ideas. • I give my partner feedback to help them see other ideas. • I use my partner's feedback to set goals and push my scientific thinking. • I use scientific vocabulary accurately in our conversations.	**Working with Lab Partner:** • Our conversation is focused on the topic it should be. • I build on my partner's ideas instead of just taking turns sharing. • I use evidence to support my ideas. • I use scientific vocabulary accurately in our conversations.	**Working with Lab Partner:** • Sometimes our conversation is focused on the topic it should be. • We take turns sharing instead of building on each other's ideas. • I don't have evidence to support my ideas. • I use scientific vocabulary in our conversations, but not always accurately.	**Working with Lab Partner:** • I am not talking about what I should be. • We take turns sharing instead of building on each other's ideas. • I didn't support my ideas using evidence. • I don't use scientific vocabulary.

How Warm Ocean Water can Cause the "Grounding Line" to Retreat