General Used good grammar/neat, tidy /1		Total Score/ 10						
Focus Question: Does the seismogram wa	ave sh	ape and size change depending on the						
direction, force, or distance of the pound	ing fro	m the seismograph (laptop)?						
Topic Sentence: In this experiment we made	e earthc	quakes. We also took mallets and we used Se	eisMac					
on our laptops to see what would happen if w	ve hit o	our table, and we tested what the waves woul	d look					
like. We also tested what they would look like by how much energy and force we put into the tap.								
Described what you did in the investigation /1								
1. Results and Evidence We found the height a	nd	2. Explanation using science vocabulary						
what they ended up looking like at the end of our	tests.	This experiment was related to earthe	luakes					
We also found that when we hit the table hard the	e bla	because we tested the movement and the						
softer the waves turned out smaller. We tested the		vibration of the table and the waves on SiezeMac						
waves on our laptops on Seizemac.								
Company near to fair on hand to goft on having to	Nort	Our waves ended up like this because we u	sea					
We found out that	vert.	different forces and energies and the computer took the vibration and created waves. We tried						
We found that when we hit the table hard the way	ves							
turned out bigger. Also, when we hit the table softer		keeping all the wayes the same force and the						
the waves tarlied out sinuler.								
My data shows that Our average height of our waves were		same size, and that affected what the waves						
		turned out looking like. The energy affected the						
		table and that responded on SeieseMac.						
We found out that		1						
Our waves were the response for our tap	s							
and they showed up on SeizeMac. Also all the	he							
movement and vibration showed and every I	little							
thing was responded.								
My data shows that								
vve tapped the table and the movement of	our							
taps showed and responded on Seizemac. C								
the same energy in our tans								
the same energy in our taps.								
• state your reculte		· upp pointon tormo to public requite						
<ul> <li>state your results</li> <li>include data(&amp; units) from your data table</li> </ul>	/2	• use science terms to explain results	/2					
<ul> <li>use 1 statistic (eg mean, median)</li> </ul>	/ 2		, <b>-</b>					

3. Problems and Impact on Data A problem we had was We had trouble keeping the wayes looking all		4. Conclusion and Improvement/New Question In conclusion, we found that		
the same, and we had trouble keeping the energy the same in all taps.		My conclusion is we made waves with SeisMac on our laptops, and we found the size and what the earthquake wave turned ot looking like. I had fun doing it and it was really interesting to see what the waves turned out looking like.		
I think this made the waves look different from each other because they all had different energy, and sizes.				
A solution for this would be to hit the table the same way for all waves, and keep the waves looking identical.		Based on this experiment another question I would like to investigate is I would like to find out what would happen if we tapped the bottom of the desks (topic sentence).		
<ul> <li>describe the problem</li> <li>describe the effect of the problem on your data</li> </ul>	/2	<ul><li>re-state findings</li><li>suggest an improvement or new question</li></ul>	/2	

4 Highly Proficient	3 Proficient	2 Nearly Proficient	1 Developing
<ul> <li>I can show accurate and complete understanding of this learning target. No misconceptions are held.</li> <li>I can use data to thoroughly explain how changing the distance, direction, or force of the pounding changes the seismogram.</li> </ul>	<ul> <li>I can explain how changing the distance, direction, or force of the pounding changes the seismogram.</li> <li>I use data from tests to determine similarities and differences among the two test conditions.</li> </ul>	<ul> <li>I can use data to explain how changing the distance, direction, or force of the pounding changes the seismogram with no significant misconceptions BUT with some omissions or minor errors.</li> </ul>	<ul> <li>My explanation has significant omissions and/or errors in my understanding.</li> <li>I need to use data in my explanation.</li> </ul>

Score: 4

I think I deserve a four because I used our science vocab and I used full and complete sentence in my work. I used data in my explanation and I worked hard on this assignment.