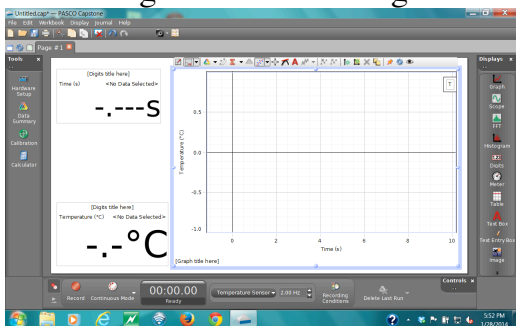


## Page 60: It's Freezing!!




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Sweet Molecular Models	54	Heated Discussion	55
Dance of Molecules	56	Squee-ezing Molecules	57
Data Analysis	58	Intermolecular Forces	59
Salt vs Fresh Water	60	It's Freezing	61

**Fri. 1/31/14 Good Morning**  
**Write HW: Ice cream letters/ donations?**  
**Finish NB pages 61/60- Q's 1,2 and graph labeled**  
**Survey completed**

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## Page 60: It's Freezing!! USE 12 lines ONLY!!

Sketch the graph of it's freezing, and Label:

- ice line,
- ice + salt line,
- final temp. for each,
- starting temp. for each,
- temperature change




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Page 60: It's Freezing!!  
(P 60 under graph)

**1. How did your actual graph  
(the one from the computer)  
compare to your prediction  
graph (on page 61)?**

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Page 60: It's Freezing!!  
(P 60 under graph)

**2. What happened after you added  
the salt to the ice? Was the  
temperature above or below the ice  
only?**

**When we added the salt.....**

**The temperature was  the  
ice only line.**

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Page 60: It's Freezing!!

**3. What is the only factor that could have  
caused the changes shown in question 1?  
What does this tell you about the freezing  
point temperature of salt water compared  
to fresh water?**

**The only thing that could cause this  
change was.....**

**Salt water must have a   
freezing point than fresh water.**

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