NAME		PREF	_ SECTION SC	DATE
	Experiment 12: Ice (Cream Making An Ap	plication of Collig	ative Properties
	Equipment (per group of 2): Materials (per group of 2):	1 small zip-lock bag, 1 large 1/2 cup of milk, 1/4 teaspo ice, salt (NaCl).	e zip-lock bag or tennis b on of vanilla or other flav	all container, 1 spoon voring, 1 tablespoon sugar,
Safe	covered table, you s	vided to keep food materia hould be able to eat the ic	als from contamination e cream.	a. If you work at the
Pro	cedure: (Record your data	and observations as you v	vork.)	
1. 2. 3. 4. 5. 6. 7.	Put 1/2 cup of milk, vanilla and sugar into the small zip-lock bag. Squeeze out the air as you seal the bag. Put ice into a tennis ball container (or large bag) to about 1/3 (250 mL). Roll the small bag of milk into a cylinder and place it into the tennis ball container (or large bag). Fill the container with ice. (About 250 mL more). Add 6 tablespoons (about 50 mL) of NaCl (Kosher or table salt). Cap/seal the container. Gently agitate the mixture by shifting the ice from side to side or rolling the container on the table until the milk mixture becomes hard.			
Obs 9.	bservations and Analysis: Describe what happens to the ice and salt mixture.			
10.	Describe how the tempera	ature of the ice mixture an	d the milk mixture ch	ange.
Con	aclusions:			
11.	Explain why the ice crear processes that occur.	n forms (solidifies) in term		
12.	Which way is the heat flo	wing?		
13.	What do you observe to d	efend you answers to 11 a		