



**CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY**

Name(s) Yasser A. Aly	Project Number J0602
Project Title Super-Cool Water and Salt Effect on Ice	
Abstract Objectives/Goals To see how super-cooling is done, and which type of salt defrosts ice the fastest. Methods/Materials 1. Water bottles 2. Ice 3. Bowl 4. Cups 5. freezer 6. knife or scissors 7. Kosher, iodized, and sea salt Results It turns out kosher salt is the salt that defrosts ice the fastest. Iodized is the second and sea is the least. Plain water was the lowest all together meaning salt does defrost ice faster then normal. Conclusions/Discussion People who's ships are frozen should use kosher salt do defrost the ice.	
Summary Statement I decided to explore creating ice (super-cooling) and defrosting it (salt effect on ice).	
Help Received a scientist at UCSD gave me the idea of finding which salt defrost the fastest.	