

Let's Go Ice Fishing! Try this simple experiment!

Water normally freezes at 32 F. When you add salt, it lowers the freezing temperature—so the water needs to get colder to freeze.

The penguins at Como Zoo are African penguins, so they are not found in a cold climate. However, two species of penguins, including the Emperor penguin, lives almost exclusively on the sea ice of Antarctica.



What you need:

- Glass of water
- Ice cubes
- String or yarn
- Salt



What to do:

1. Put your ice cubes in a cup of water.
2. Taking your string, place one end on top of an ice cube.
3. Sprinkle a small amount of salt on the ice cube where the string touches. **What happens to the ice?**
4. Wait about 30-60 seconds. Take the other side of the string not touching the ice and try to pull the ice out of the cup. **What happens?**
5. You can try this experiment a few different times. **What happens if you change the amount of salt you use? What happens if you wait longer, or shorter after you sprinkle the salt on the ice?**

Tune in to Como Live on Facebook this afternoon for a SPECIAL Como Live at 1:30pm! We will read "Dear Como" letters to the penguins!

