

Melting Ice



Need:

- 3 Plastic Cups or Tubs
- Water
- 1 Tablespoon Salt
- 1 Tablespoon Sugar
- Spoon
- Freezer

Make your hypothesis:

Sugar water will melt quicker / slower than water

Salt water will melt quicker / slower than water

How to:

Measure equal parts water in your 3 cups

Label your cups 1 2 3

Cup 1 is your control

Cup 2 add in your salt and stir to dissolve

Cup 3 add in your sugar and stir to dissolve



Cup #	Cup ingredient
1	Water
2	Salt
3	Sugar

Place all 3 in the freezer and leave for a few hours until frozen

Remove all 3 cups and place outside on concrete in the sun

Tip the ice out of the cup onto the concrete

Watch as it melts

Record which melts first, second and third

Melts	Cup #	Cup ingredient
First		
Second		
Third		

Conclusion:

Sugar water will melt _____ than water

Salt water will melt _____ than water

