

Get₂ Know
H₂O



EXPERIMENT 8: Melting Ice

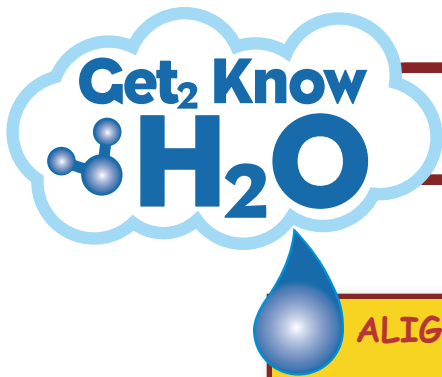
Challenge: Find out if salt will make ice melt faster!



QUESTIONS:

?

- Which ice cube melted fastest? Why?
- Did salt make the ice melt faster? Why?



EXPERIMENT 8: Making Ice

Instructor's Guide

ALIGNMENT WITH ILLINOIS STATE BOARD OF EDUCATION GOALS

State Goal 11:
Section A: 2a, 2b, 2c,
2d, 2e and 2f

State Goal 12:
Section C: 2b

State Goal 13:
Section A: 2b and
2c



WHAT'S HAPPENING?

Students learn how solar energy can distill water.

WHAT COULD GO WRONG?

Not much, unless the ice cubes are unevenly exposed to heat from the sun, or a heating duct.

WHAT ELSE CAN KIDS LEARN?

What happens if they use coarse salt instead of table salt? What happens if they try the experiment in a shaded area, instead of a sunny one?

Ask the students how, on an icy day, they could make their driveways safer. And more importantly, ask if their driveway is covered in snow if they will still have to go to school.

LINKS

www.NEED.org

CREDITS

The NEED Project PO Box 10101
Manassas, VA 20108
1-800-875-5029

YOUR FEEDBACK

Were the instructions clear?

Did the class stay interested?

Email us at feedback@Get2KnowH2O.org and let us know what you think. We would like to share your suggestions with other teachers and give you credit for your great ideas!