

Melting Ice

Grade Levels:

K-3

Question:

Will salt make ice melt faster?

Possible Hypotheses:

Salt will/will not make ice melt faster.

Materials:

Four ice cubes - the same size

Four small plastic cups

Salt

Procedure:

1. Place one ice cube in each cup.
2. Sprinkle one teaspoon of salt into one cup (S), two teaspoons on salt into another (SS), and three teaspoons of salt into a third (SSS). The fourth cup will be your control (C). Mark the cups as shown in the brackets.
3. Place the cups in a sunny place and observe.

Analysis and Conclusion:

Which ice cube melted fastest? Did salt make the ice melt faster? On an icy day, how could you make your driveway safer?

