

5-MINUTE SLUSHY DRINK

You'll need

Ice

Salt

1 small resealable food bag

1 large resealable food bag

Juice drink

Cup or glass

Towel



Image from Snackable Science

Instructions

Half fill the small bag with the juice drink and seal well.

Half fill the large bag with ice, sprinkle 2 tablespoons of salt over the top and mix well.

Place the juice bag inside the ice bag and gently roll the salt and ice mixture around it. If the bag gets too cold to hold, cover with a towel and keep rolling the ice around the juice bag.

After a few minutes the juice will turn into slush!

Make sure the juice bag doesn't split as the salt will spoil your lovely slush drink!

What's happening?

Salt lowers the freezing point of the ice, which makes it melt. This is known as **freezing point depression**. The more salt you add, the lower the freezing point (up to a point, it won't keep going down forever). For the ice to melt, heat must be absorbed from the surroundings (in this case the juice) causing the juice to freeze.

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Adult supervision required. You are responsible for your own safety.

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