

FROST IN A CAN

Science Experiment

**CREATE FROST IN A
CAN WITH THIS
HANDS-ON
SCIENCE
EXPERIMENT FOR
KIDS**

What you need

An aluminum can, salt, ice and water.

WHAT TO DO

Fill a can with ice and then fill halfway with water. Pour some salt onto the top of the ice to get the melting point of the ice to drop. Shake the can gently. Wait a few minutes and then watch as frost forms on the side of the can. (If it's not working, add ice or remove water.)

The Science

The experiment works when condensation forms on the can. Condensation is the process by which water vapor becomes liquid.

How it works

Condensation forms on the can from the air around it. The lower temperature of the ice will cause the condensation to freeze.

KEEP EXPERIMENTING

Experiment using different types of salt and different amounts of water and ice combinations.

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