



## Solids, Liquids, and Gasses

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# THE POWER OF ICE

## HYPOTHESIS

We have seen that water increases in volume as it turns solid. What do you think will happen to a closed container that is completely filled with water and then cooled?

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## MATERIALS

1 Towel  
Water  
1 Plastic Food Storage Box With Lid

## PROCEDURE

1. Fill the box to the top with water.
2. Put the box on the towel on a counter or table.
3. Put the lid on tightly. If the box is completely full, some water will squirt out when you put the lid on.
4. Put the box in the freezer overnight. What happens?

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## CONCLUSION

Why shouldn't you put a can of soda in the freezer?

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(If you want to try this, be sure to put the can in a tightly closed plastic bag.)



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