



Ice Cream Experiment!



Name: _____



Hypothesis:

What do you think will happen to the ingredients?

Observation 1:

Describe what the ingredients look like when you first put them in the small ziplock bag:

Observation 2:

Describe how the cream changes as time goes on:

Observation 3:

Describe how the ice looks at the end of the experiment

Conclusions

Salt has a special effect on _____. Salt makes it easier for ice to melt. When ice melts quickly, a lot of _____ will be absorbed. Everything will get colder and the cream will _____.

The temperature will actually get colder than the normal freezing point of water because so much energy will be absorbed. When you make ice cream, the cream will get _____ until it is the same temperature as the melting ice around it and then it will freeze.

Fill in the blanks:

freeze
colder
energy
ice

CHOOSE THE CORRECT WORDS TO FILL IN THE BLANKS, ACCORDING TO WHAT YOU
LEARNED IN THIS EXPERIMENT.

The cream and milk mixture used is an example of a_____.

The sugar used is an example of a_____.

The air trapped inside the zip-lock bag is an example of_____.

The transformation of the mixture from a liquid into a solid is an example of a_____.

The salt was added to speed up the_____process.

As the ice lowered the temperature of the liquid mixture the particles of the liquid started to move more
_____.

As the mixture's particles begin to get colder the thermal energy is_____.

As the ice cubes particles begin to get warmer the thermal energy is_____.