

The Science of Ice Cream

- 5 Tonya and Jacob read that premium ice creams contain a higher content of milk fat. They planned an investigation to see if making ice cream from various types of milk requires more time. Using the following materials, plan their investigation.

Materials:

electric ice cream maker
ice
salt
3 types of milk; nonfat, 1% fat, and 2% fat
cream
sweetener
flavoring
thermometer

Be sure to include:

- Investigative question
- Hypothesis
- Procedure that includes:
 - logical steps to perform the investigation
 - two controlled variables (kept the same)
 - one manipulated variable (changed)
 - one responding variable (dependent)
 - an experimental control
 - how often measurements are taken and recorded

Use words, labeled pictures, and/or labeled diagrams in your response.

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| Question: |
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| Hypothesis: |
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