



Experiment : Suitable Temperature

Plan and conduct an experiment to test your hypothesis. Write a report of the experiment based on the format shown below.

1	Aim	
2	Problem Statement	Does suitable temperature affect the condition of the milk?
3	Hypothesis	
	Variables	a. manipulated: b. respond: c. constant:
5	Apparatus and materials	Bunsen burner, two bottles with caps, thermal flask, beaker, fresh milk
6	Steps	<div>1. Prepare three glasses that are filled with the same amount of fresh milk.</div> <div>2. Pour the milk from the first glass into a bottle labelled A. Close the bottle and keep it in a refrigerator.</div> <div>3. Pour the milk from the second glass into a bottle labelled B. Close the bottle and keep it at room temperature.</div> <div>4. Pour the milk from the third glass into a beaker. Boil the milk using the Bunsen burner. Then, pour it into the thermal flask. Close the thermal flask and leave it on the table.</div> <div>5. Observe the condition of the milk daily for three days.</div> <div>6. Record your observation in a table.</div>
	Observation	<div></div> <div></div>

7	Data	<table border="1"> <thead> <tr> <th>Bottle</th> <th>Condition of the milk</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Bottle	Condition of the milk						
Bottle	Condition of the milk									
8	Interpreting Data									
9	Conclusion	The hypothesis is (accepted/ not accepted). State the conclusion :								

Student  
achievement

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Name of Student

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Date of submission

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Name of teacher

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Date

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