















- experiment.
- Example: In an experiment measuring the effect of temperature on solubility, the independent variable is temperature.



For your watermelon experiment Variables/controls:

- What is your independent variable:
- What is you dependent variable:
- What is your controlled variable or your "controls":



What are your GOALS for the watermelon experiment?

- Complete a,b,c & d on your handout
- PLUS list your procedures, which are a step by step of what you are going to do, and how you are going to do it.
- Be sure to number these steps.
- Also include any safety gear you'll need to use or bring







What is in a conclusion?

- A conclusion is a summary of the experiment.
- It is putting the hypothesis together with the data and coming up with a conclusion or ending thought.
- It is a written answer to the original question.

So where to start...

- Every conclusion begins with a topic sentence.
- In a conclusion, the topic sentence is the restatement of the problem/question.



So was your hypothesis right, wrong or indifferent?

Accept or reject your hypothesis Does the data support the hypothesis? If it does-we accept the hypothesis If it doesn't-we reject the hypothesis













