

## The Scientific Method

Last class we looked at an example of an experiment worksheet. Today we will discuss a task that has you, in a group of 3, producing a worksheet for an experiment of your choice. Let's quickly review the components of a proper experiment:

- Purpose
- Hypothesis
- Equipment
- Procedure
- Safety Precautions
- Independent Variable
- Dependent Variable
- Constant Conditions
- Control
- Observations
- Data
- Discussion
- Sources of Error
- Conclusion





## **Mr Collinson's Science**

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**Mr Collinson's Science** 

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You may use the remaining class time to begin your work. Following that you will have two more in-class work periods to complete this task.

When you have your group, please write you class number and all three names on a post-it note and bring it to me.



You may continue to work on this outside of class. When you arrive next class, you may begin working right away.

- 1-2 Bouncing a Ball Experiment Sheet.pdf
- 1-3 Components of our Experiment.pdf
- 1-3 Example Worksheet Blank.pdf
- 1-3 Example Worksheet Completed.pdf
- 1-3 Design an Experiment Rubric.pdf
- 1-3 Components of our Experiment Example.pdf