

## Experimental Skills

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When performing experiments it is important to understand which variables are controlled, which are independent and which are dependent.

## Identifying Variables

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**Control Variable:** the variable that you are controlling in the experiment.

**Independent Variable:** is the variable that is not dependent on anything else in the experiment.

**Dependent Variable:** is dependent on the independent variable. It changes as a result of the independent variable.

## Graphing Data

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Typically the independent variable is graphed on the x-axis and the dependent variable is graphed on the y-axis.